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## Product Datasheet

### **Napsin A (Lung Adenocarcinoma Marker)(NAPSA/1238 + NAPSA/1239), CF405S conjugate, 0.1mg/mL, Clone: [NAPSA/1238 NAPSA/1239], Mouse, Monoclonal BOT-BNC041254-100**

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Napsin A (Lung Adenocarcinoma Marker)(NAPSA/1238 + NAPSA/1239), CF405S conjugate, 0.1mg/mL, Clone: [NAPSA/1238 NAPSA/1239], Mouse, Monoclonal                                                                                                                  |
| Biozol Catalog Number      | BOT-BNC041254-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNC041254-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNC041254-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                        |
| Host                       | Mouse                                                                                                                                                                                                                                                          |
| Category                   | Antikörper                                                                                                                                                                                                                                                     |
| Application                | IHC, WB                                                                                                                                                                                                                                                        |
| Species Reactivity         | Human                                                                                                                                                                                                                                                          |
| Immunogen                  | Recombinant human Napsin-A protein fragment (aa189-299) (exact sequence is proprietary)                                                                                                                                                                        |
| Conjugation                | CF405S                                                                                                                                                                                                                                                         |
| Product Description        | Napsin is a pepsin-like aspartic proteinase connected with maturation of surfactant protein B. There are two closely related napsins, napsin A and napsin B. Napsin A is expressed as a single chain protein. Immunohistochemical studies revealed high exp... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                     |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                      |

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Clone Designation | [NAPSA/1238 NAPSA/1239]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Molecular Weight  | 37 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UniProt           | <a href="#">O96009</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Application Notes | Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistochemistry (formalin-fixed): 1-2 ug/mL for 30 minutes at RT Western blot: 1-2 ug/mL for 60 minutes at RT Flow cytometry: 0.5-1 ug/million cells Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 minutes followed by cooling at RT for 20 minutes Optimal dilution for a specific application should be determined by user |