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## Product Datasheet

### SOD-1 Antibody, Mouse, Monoclonal AST-N0589

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SOD-1 Antibody, Mouse, Monoclonal                                                                                                                                                                                                                             |
| Biozol Catalog Number      | AST-N0589                                                                                                                                                                                                                                                     |
| Supplier Catalog Number    | N0589                                                                                                                                                                                                                                                         |
| Alternative Catalog Number | AST-N0589-100,AST-N0589-200,AST-N0589-50                                                                                                                                                                                                                      |
| Manufacturer               | Assay Biotechnology                                                                                                                                                                                                                                           |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | ELISA, FC, IF, WB                                                                                                                                                                                                                                             |
| Species Reactivity         | Human, Mouse                                                                                                                                                                                                                                                  |
| Immunogen                  | Purified recombinant fragment of human SOD-1 expressed in E. Coli.                                                                                                                                                                                            |
| Product Description        | The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic protein, acting as a homodimer to convert naturally-o... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| UniProt                    | <a href="#">P00441</a>                                                                                                                                                                                                                                        |
| Source                     | Monoclonal, Mouse                                                                                                                                                                                                                                             |
| Purity                     | Affinity purification                                                                                                                                                                                                                                         |
| Form                       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                       |

|                    |                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Application Dilute | WB 1:500 - 1:2000. IF 1:200 - 1:1000. Flow cytometry: 1:200 - 1:400. ELISA: 1:10000. Not yet tested in other applications. |
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