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## Product Datasheet

### **ACTA2 Antibody Cocktail / Alpha Actin, Clone: [1A4 + ACTA2/791], Unconjugated, Mouse, Monoclonal BYT-ORB749772**

Article Name	ACTA2 Antibody Cocktail / Alpha Actin, Clone: [1A4 + ACTA2/791], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB749772
Supplier Catalog Number	orb749772
Alternative Catalog Number	BYT-ORB749772-20,BYT-ORB749772-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	IF, IHC-P
Species Reactivity	Human, Rat
Immunogen	An N-terminal decapeptide of the alpha smooth muscle isoform of Actin (1A4) and recombinant full-length human protein (ACTA2/791) were used as the immunogen for the ACTA2 antibody cocktail.
Conjugation	Unconjugated
Product Description	Actin is a major component of the cytoskeleton and is present in most cell types. It is highly specific to actin from smooth muscles. This mAb does not stain cardiac or skeletal muscle, however, it does stain myofibroblasts and myoepithelial cells. T...
Clonality	Monoclonal
Clone Designation	[1A4 + ACTA2/791]

UniProt	<a href="#">P62736</a>
Buffer	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin and 0.05% sodium azide
Application Dilute	Immunofluorescence: 1-2ug/ml, Immunohistochemistry (FFPE): 0.25-0.5ug/ml for 30 min at RT
Application Notes	Application Notes: Optimal dilution of the ACTA2 antibody cocktail should be determined by the researcher.1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min