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Product Datasheet

Alpha Smooth Muscle Actin Antibody, Clone: [ACTA2/791], Unconjugated, Mouse, Monoclonal BYT-ORB749771

Article Name	Alpha Smooth Muscle Actin Antibody, Clone: [ACTA2/791], Unconjugated, Mouse, Monoclonal
Biozol Catalog Number	BYT-ORB749771
Supplier Catalog Number	orb749771
Alternative Catalog Number	BYT-ORB749771-20,BYT-ORB749771-100
Manufacturer	Biorbyt
Host	Mouse
Category	Antikörper
Application	IF, IHC-P
Species Reactivity	Human, Rat
Immunogen	Recombinant full-length human protein was used as the immunogen for the Alpha Smooth Muscle Actin antibody.
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	[ACTA2/791]
UniProt	P62736

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 Alpha Smooth Muscle Actin antibody 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