

**α -Smooth Muscle Actin Mouse Monoclonal
Antibody(1E12)
Catalog No.: RA10016**

Basic Information

Information

Reactivity	H,M,R
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	42KD

Applications

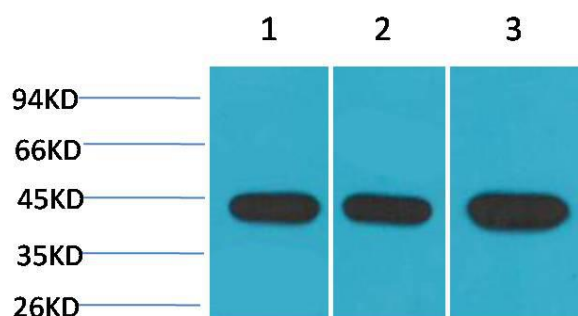
Recommended Dilution

WB	1:5,000-50,000
IHC	1:1,000-2,000

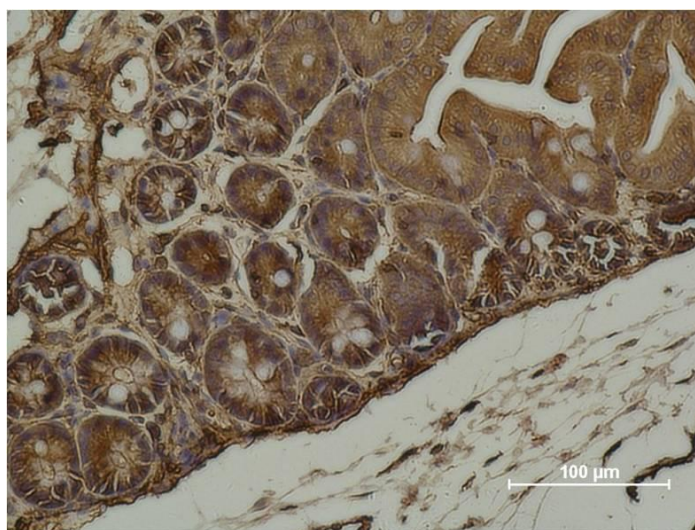
Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental Data



Western blot analysis of 1)Hela, 2)3T3, 3)Rat Brain with α -Smooth Muscle Actin Mouse mAb diluted at 1:100,000.



Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using α -Smooth Muscle Actin Mouse mAb diluted at 1:500.

Background

Actin is a globular multi-functional protein that forms microfilaments. ACTA2 codes for an α -actin located in the smooth muscle, and also in vascular smooth muscle.