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Anti-pan Actin Rabbit mAb [10D78]

Catalog No.: A52001

Basic Information

Catalog No. (Cat.No.)	A52001
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	pan Actin,Pan-Actin,β-Actin,γ-Actin

Product Information

Target	pan Actin
Molecular Weight(Calculated)	42 kDa
Molecular Weight(Observed)	42 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	10D78
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Pan-actin
Gene Name	*ACTB / ACTG1*
Domain	NA
Background	Actin (pan) belongs to the actin family and builds the cytoskeleton to support cell motility and intracellular transport. Actin is a highly conserved cytoskeletal protein ubiquitously expressed in all eukaryotic cells, existing both as monomeric G-actin and polymeric filamentous F-actin. It assembles the microfilament network to maintain cell morphology and mechanical tension, and participates in cell migration, adhesion, division, vesicular trafficking and muscle contraction. Distinct isoforms are differentially distributed between muscle and non-muscle cytoskeletons.