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Anti-β-Actin Rabbit mAb [52C71]

Catalog No.: A52002

Basic Information

Catalog No. (Cat.No.)	A52002
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	β-Actin,β-actin,Cytoplasmic actin 1

Product Information

Target	β-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.	52C71
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	1:2000-1:10000
IHC	1:2000-1:20000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Actin, beta (cytoplasmic-1)
Gene Name	*ACTB*
Domain	NA
Background	β-Actin belongs to the actin family and mediates cytoskeletal organization, cell motility and signal transduction. As a constitutively expressed cytoskeletal protein widely distributed across eukaryotic cells, β-Actin assembles the microfilament network to maintain cell morphology and polarity, and participates in cell migration, division, adhesion and intracellular trafficking.