

Product Datasheet

Actin Antibody (AC-40) NBP1-41294

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-41294

Actin Antibody (AC-40)

Product Information	
Unit Size	0.1 mg
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	AC-40
Preservative	0.01 mg Sodium Azide
Reconstitution Instructions	Reconstitute with 0.1 ml distilled water.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from 1.2% sodium acetate, and 2mg BSA

Product Description	
Host	Mouse
Gene ID	58
Gene Symbol	ACTA1
Species	Human, Mouse, Rat, Chicken
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Immunogen	Synthetic actin C-terminal peptide Ser-Gly-Pro-Ser-Ile-Val-His-Arg-Lys-Cys-Phe, attached to a Multiple Antigen Peptide (MAP) backbone.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 2 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 4 ug/ml

Publications

Peters HL, Yan Y, Solheim JC. APLP2 regulates the expression of MHC class I molecules on irradiated Ewing's sarcoma cells. *Oncoimmunology* 2013-10-01 [PMID: 24353913]

Peters HL, Yan Y, Nordgren TM et al. Amyloid precursor-like protein 2 suppresses irradiation-induced apoptosis in Ewing sarcoma cells and is elevated in immune-evasive Ewing sarcoma cells. *Cancer Biol Ther* 2013-08-01 [PMID: 23792571] (Human)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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