

NgR3 Rabbit mAb

Catalog No: #52820

Package Size: #52820-1 50ul #52820-2 100ul

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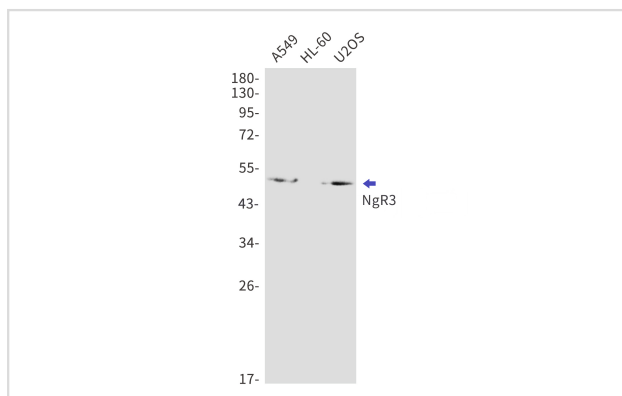
Description

Product Name	NgR3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S03-6C3
Isotype	IgG
Purification	Affinity Purified
Applications	WB IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human NgR3
Conjugates	Unconjugated
Modification	Unmodification
Other Names	NgR3; NGRH2
Accession No.	Swiss-Prot:Q86UN2GeneID:146760
Uniprot	Q86UN2
GeneID	146760
Calculated MW	Calculated MW:49 kDa,Observed MW:49 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

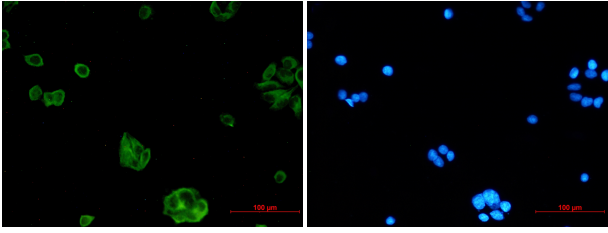
WB: 1/1000 ICC/IF: 1/50

Images



Western blot detection of NgR3 in A549,HL-60,U2OS cell lysates using NgR3 Rabbit mAb(1:1000 diluted).Predicted band size:49kDa.Observed band size:49kDa.

Immunocytochemistry of NgR3 (green) in Hela using NgR3 antibody at dilution 1/20, and DAPI(blue)



Background

Cell surface receptor. Plays a functionally redundant role in postnatal brain development and in regulating axon regeneration in the adult central nervous system. Contributes to normal axon migration across the brain midline and normal formation of the corpus callosum. Protects motoneurons against apoptosis; protection against apoptosis is probably mediated by MAG. Plays a role in inhibiting neurite outgrowth and axon regeneration via its binding to neuronal chondroitin sulfate proteoglycans. Binds heparin (By similarity).

Note: This product is for in vitro research use only