

Mouse NBR1 Monoclonal Antibody | anti-NBR1 antibody

NBR1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA173680	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

NBR1; Monoclonal Antibody; NBR1 Monoclonal Antibody; Next to BRCA1 gene 1 protein (Cell migration-inducing gene 19 protein) (Membrane component chromosome 17 surface marker 2) (Neighbor of BRCA1 gene 1 protein) (Protein 1A1-3B); anti-NBR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	4C6
Purity/Purification	Protein A Purification
Concentration	1mg/mL (varies by lot)
Sequence Length	937
Applicable Applications for anti-NBR1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant Protein of NBR1
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of Rat spleen tissue using NBR1 Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat lung tissue using NBR1 Monoclonal Antibody at dilution of 1:200.

ADDITIONAL INFORMATION

Related Product Information for anti-NBR1 antibody	The protein encoded by this gene was originally identified as an ovarian tumor antigen monitored in ovarian cancer. The encoded protein contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants.NBR1 (NBR1, Autophagy Cargo Receptor) is a Protein Coding gene. Diseases associated with NBR1 include Inclusion Body Myositis and Synucleinopathy. Among its related pathways are Mitophagy - animal. GO annotations related to this gene include ubiquitin binding and mitogen-activated protein kinase binding.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	615276329
NCBI GeneID	4077
NCBI Accession #	NP_001278500.1
NCBI GenBank Nucleotide #	NM_001291571.1
UniProt Accession #	Q14596; Q13173; Q15026; Q5J7Q8; Q96GB6; Q9NRF7
Molecular Weight	103,834 Da
NCBI Official Full Name	next to BRCA1 gene 1 protein isoform b
NCBI Official Synonym Full Names	NBR1, autophagy cargo receptor
NCBI Official Symbol	NBR1
NCBI Official Synonym Symbols	IAI3B; M17S2; MIG19; 1A1-3B
NCBI Protein Information	next to BRCA1 gene 1 protein
UniProt Protein Name	Next to BRCA1 gene 1 protein
UniProt Gene Name	NBR1
UniProt Synonym Gene Names	1A13B; KIAA0049; M17S2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nbr1-antibody-clone-4c6-immunofluorescence-immunohistochemistry-elisa/173680>