

Mouse NBR1 Monoclonal Antibody | anti-NBR1 antibody

NBR1 Mouse Monoclonal Antibody (7C3)

CATALOG # AAA320525	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

NBR1; Monoclonal Antibody; NBR1 Mouse Monoclonal Antibody (7C3); 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
Clone Number	7C3
Specificity	The antibody detects endogenous NBR1 protein
Purity/Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-NBR1 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Immunogen	Recombinant Protein of NBR1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



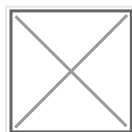
IF (Immunofluorescence)

Immunofluorescence analysis of rat-spleen tissue. 1.NBR1 Mouse Monoclonal Antibody(7C3)(red) was diluted at 1:200(4 degree C.overnight). 2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature. 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



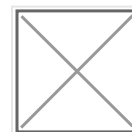
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1.NBR1 Mouse Monoclonal Antibody(7C3) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1.NBR1 Mouse Monoclonal Antibody(7C3) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Skeletal Muscle Tissue using NBR1 Mouse mAb diluted at 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. [provided by RefSeq, Apr 2014]
Product Categories/Family for anti-NBR1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	296439290
NCBI GeneID	4077
UniProt Accession #	Q14596; Q13173; Q15026; Q5J7Q8; Q96GB6; Q9NRF7
Molecular Weight	966
NCBI Official Full Name	Next to BRCA1 gene 1 protein
NCBI Official Synonym Full Names	neighbor of BRCA1 gene 1
NCBI Official Symbol	NBR1
NCBI Official Synonym Symbols	IAI3B; M17S2; MIG19; 1A1-3B
NCBI Protein Information	next to BRCA1 gene 1 protein; B-box protein; migration-inducing protein 19; cell migration-inducing gene 19 protein; membrane component, chromosome 17, surface marker 2 (ovarian carcinoma antigen CA125)
UniProt Protein Name	Next to BRCA1 gene 1 protein
UniProt Gene Name	NBR1
UniProt Synonym Gene Names	1A13B; KIAA0049; M17S2
UniProt Entry Name	NBR1_HUMAN

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.