

Mouse anti-Mouse, Human N-Cadherin Monoclonal Antibody | anti-CDH2 antibody

Mouse Monoclonal Antibody To N-Cadherin (Clone: 8C11)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78500	Mouse	Mouse, Human	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry

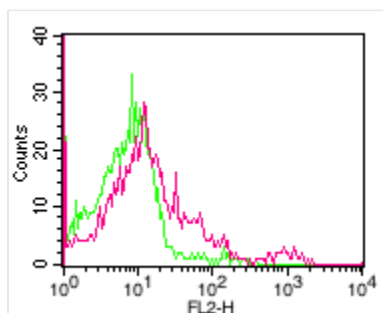
PRODUCT SYNONYMS

N-Cadherin; Monoclonal Antibody; Mouse Monoclonal Antibody To N-Cadherin (Clone: 8C11); anti-CDH2 antibody

PRODUCT SPECIFICATIONS

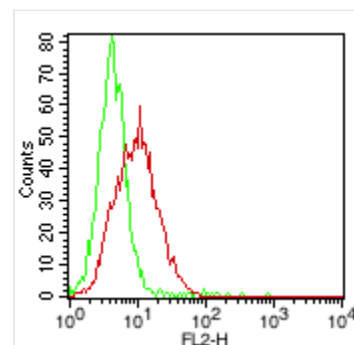
Host	Mouse
Reactivity	Mouse, Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	8C11
Purity/Purification	Protein G Chromatography
Form/Format	200 ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide.
Sequence Length	906
Applicable Applications for anti-CDH2 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Antigen	N-Cadherin
Immunogen Information	Recombinant human N-cadherin extracellular domain (exact sequence is proprietary)
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Fig. 2: Cell Surface FLOW analysis of N-Cadherin in human PBMC Monocytes (gated) using 0.5 ug of antibody (Clone: 8C11). Green represents isotype control; red represents anti-N-Cadherin antibody. Goat anti-mouse PE conjugate was used as secondary antibody.



FCM/FACS (Flow Cytometry)

Fig. 1: Cell Surface FLOW analysis of N-Cadherin in KG1 cells using 0.5 ug of antibody (Clone: 8C11). Green represents isotype control; red represents anti-N-Cadherin antibody. Goat anti-mouse PE conjugate was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CDH2 antibody	N-cadherin(CD325) is a 140 kD protein belongs to a transmembrane molecules that mediate calcium dependent intracellular adhesion. Its extracellular region consists of five EC domains and has one cytoplasmic domain. N-cadherin is involved in organogenesis and maintenance of organ architecture by contributing to the sorting of heterogeneous cell types and in the cell adhesion needed to form tissues. N-cadherin is expressed by stem cells, myeloblasts, endothelial cells, and fibroblasts, and also is expressed in neural and muscle tissues and some types of carcinoma cells. CD325 associates with the cytoskeleton through catenin proteins.
Product Categories/Family for anti-CDH2 antibody	Antibodies ; Cancer Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	14589889
NCBI GeneID	1000
NCBI Accession #	NP_001783.2
NCBI GenBank Nucleotide #	NP_001783.2
UniProt Accession #	P19022
NCBI Official Full Name	cadherin-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	cadherin 2
NCBI Official Symbol	CDH2
NCBI Official Synonym Symbols	CDHN; NCAD; CD325; CDw325
NCBI Protein Information	cadherin-2
UniProt Protein Name	Cadherin-2
UniProt Gene Name	CDH2
UniProt Synonym Gene Names	CDHN; NCAD; N-cadherin
UniProt Entry Name	CADH2_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/n-cadherin-antibody-clone-8c11-western-blot-flow-cytometry-immunohistochemistry-elisa/78500>