

Mouse CD325 Monoclonal Antibody | anti-CD325 antibody

CD325 antibody

CATALOG # AAA108083	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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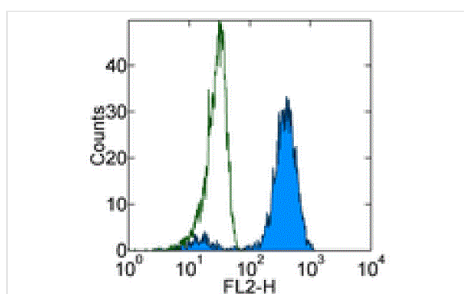
PRODUCT SYNONYMS

CD325; Monoclonal Antibody; CD325 antibody; Monoclonal CD325; Anti-CD325; CD-325; CD 325; neural cadherin; anti-CD325 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	8C11
Specificity	Human
Purity/Purification	CD325 antibody was purified by affinity chromatography.
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	500 ug/ml (varies by lot)
Applicable Applications for anti-CD325 antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The 8C11 monoclonal antibody reacts with human CD325, also known as N-Cadherin. CD325 is a 130 kDa member of the Cadherin superfamily, and consists of five extracellular repeats, a transmembrane domain and a cytoplasmic domain. CD325 deficient mice die at day 10 of gestation and embryos display major heart defects and malformed neural tubes and somites. Consistent with this, CD325 has been implicated in several aspects of cardiac development including the precardiac mesoderm, establishment of left-right symmetry and cardiac looping morphogenesis. Furthermore, CD325 is normally involved in inducing cell cycle arrest and its expression is frequently dysregulated in cancer cells.
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of HeLa cells with 0.25 ug of Mouse IgG1 K Isotype Control (open histogram) or 0.25 ug of CD325 antibody (N-Cadherin) Purified (filled histogram) followed by F (ab")₂ Anti-Mouse IgG (PE). Total viable cells were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CD325 antibody	Mouse monoclonal CD325 antibody
Product Categories/Family for anti-CD325 antibody	Immunology

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/cd325-antibody-clone-8c11-flow-cytometry-elisa/108083>