

Product Datasheet

E-Cadherin Antibody (67A4) - BSA Free NBP1-42793

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-42793

E-Cadherin Antibody (67A4) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	67A4
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	100 kDa

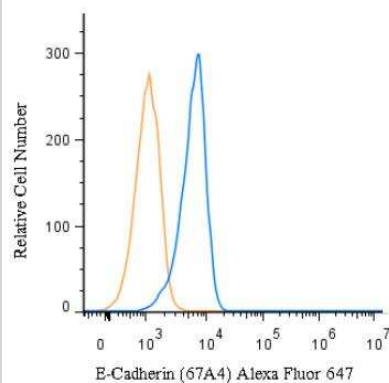
Product Description	
Host	Mouse
Gene ID	999
Gene Symbol	CDH1
Species	Human
Marker	Epithelial Cell Marker, Adherens Junctions Marker
Specificity/Sensitivity	The mouse monoclonal antibody 67A4 recognizes CD324 / E-cadherin, an approximately 100 kDa epithelial cell adhesion molecule, whose detection is important for determination of invasive potential of epithelial neoplasms. HLDA VIII
Immunogen	T-47D cells

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 5-10 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:50, Immunohistochemistry-Frozen 4-8 ug/ml, CyTOF-ready
Application Notes	Flow Cytometry: Tested on cell lines CACO-2 and HT-29. In this case the recommended concentration is 5-10 ug/ml per 1 million cells/ml. This antibody is CyTOF ready.



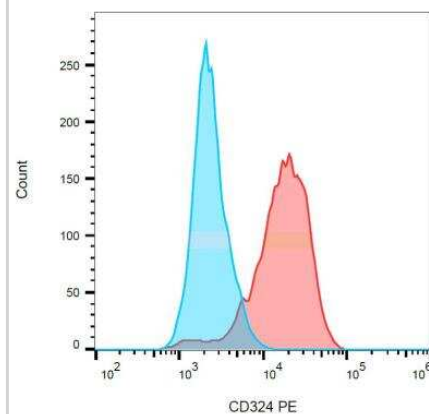
Images

Flow Cytometry: E-Cadherin Antibody (67A4) [NBP1-42793] - A surface stain was performed on A549 cells with E-Cadherin Antibody (67A4) NBP1-42793AF647 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.

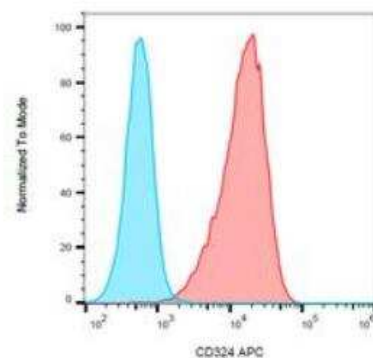


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Flow Cytometry: E-Cadherin Antibody (67A4) [NBP1-42793] - Surface staining of HT-29 / SP2 cells with anti-CD324 (67A4) PE.



Flow Cytometry: E-Cadherin Antibody (67A4) [NBP1-42793] - Surface staining of HT-29 / SP2 cells with anti-CD324 (67A4) APC.



Publications

Lee, JS;Kweon, HJ;Lee, H;Suh, BC; Rapid resensitization of ASIC2a is conferred by three amino acid residues in the N terminus J. Gen. Physiol. 2019-04-22 [PMID: 31010811] (WB, Human)

Kweon HJ, Cho JH, Jang IS, Suh BC. ASIC2a-dependent increase of ASIC3 surface expression enhances the sustained component of the currents BMB Rep 2016-10-01 [PMID: 27241858] (WB, Human)



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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-42793AF647	E-Cadherin Antibody (67A4) [Alexa Fluor® 647]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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