

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	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	100 kDa

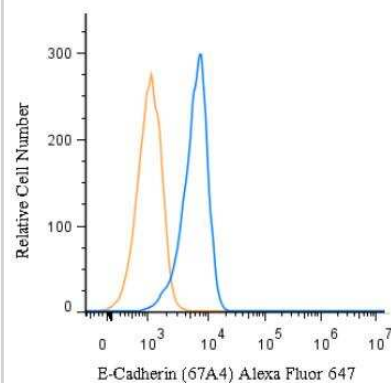
Product Description	
Description	Novus Biologicals Mouse E-Cadherin Antibody (67A4) - BSA Free (NBP1-42793) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-E-Cadherin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.



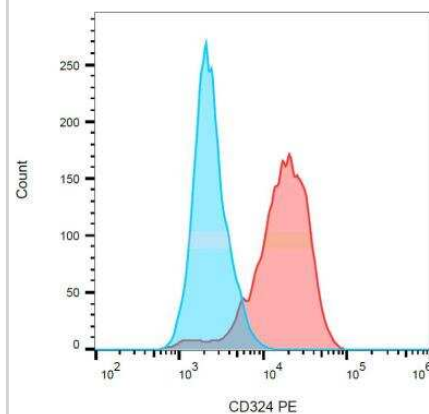
Images

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.

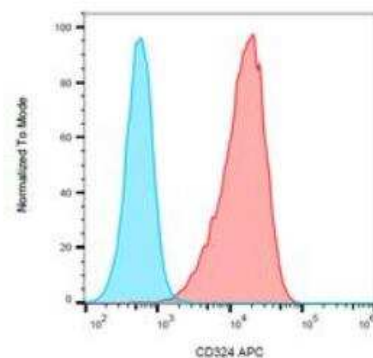


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Flow Cytometry: E-Cadherin Antibody (67A4) [NBP1-42793] - Surface staining of HT-29 / SP2 cells with anti-CD324 (67A4) PE.



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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Products Related to NBP1-42793

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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