

Product Datasheet

Notch-1 Antibody (E6) - Chimeric - Azide and BSA Free NBP2-62557

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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NBP2-62557

Notch-1 Antibody (E6) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	E6
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS

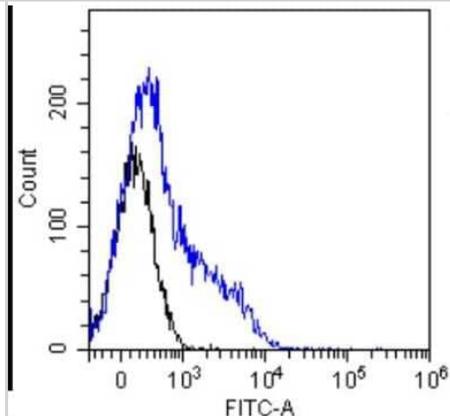
Product Description	
Description	Novus Biologicals Rabbit Notch-1 Antibody (E6) - Chimeric - Azide and BSA Free (NBP2-62557) is a recombinant monoclonal antibody validated for use in IHC, ELISA, Flow and ICC/IF. Anti-Notch-1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4851
Gene Symbol	NOTCH1
Species	Human, Mouse
Specificity/Sensitivity	An engineered ScFv fragment antibody that binds to both mouse mNRR1 and human hNRR1 but not NRR2.
Immunogen	This antibody was selected against a fusion protein consisting of EGF domains 1-12 of murine Notch1 fused to a human Fc domain and binds to to the NRR of mouse Notch1.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry, ELISA 1:100 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original human scFv format, for improved compatibility with existing reagents, assays and techniques.

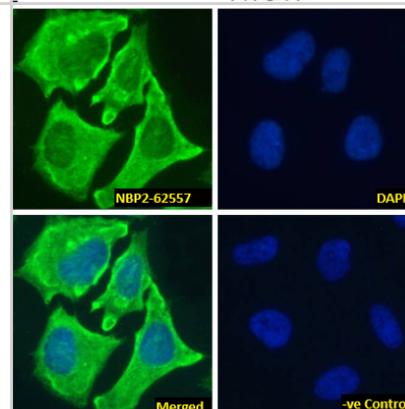


Images

Flow Cytometry: Notch-1 Antibody (E6) - Chimeric [NBP2-62557] - Flow-cytometry using the anti-Notch 1 antibody E6. Mouse thymocytes were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of E6 (NBP2-62557, blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing, bound antibody was detected using anti-rabbit IgG JK (FITC-conjugate) antibody at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.



Immunocytochemistry /Immunofluorescence: Notch-1 Antibody (E6) - Chimeric - Azide and BSA Free [NBP2-62557] - Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton stained with NBP2-62557 at 10 ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (1 ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP2-62557, DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.



Publications

Ashish Tyagi, Balaji Chandrasekaran, Venkatesh Kolluru, Becca V Baby, Cibi A. Sripathi, Murali K. Ankem, Srinivasa R. Ramiseti, Venkat R. Chirasani, Nikolay V Dokholyan, Arun K. Sharma, Chendil Damodaran ASR490, a Small Molecule, Overrides Aberrant Expression of Notch1 in Colorectal Cancer Molecular cancer therapeutics 2023-12-04 [PMID: 33087513]



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Products Related to NBP2-62557

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-78292PEP	Notch-1 Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]

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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