

Notch 1 Recombinant Antibody | Notch1 recombinant antibody

Anti-Notch 1 [E6]

CATALOG # AAA71964	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, ELISA
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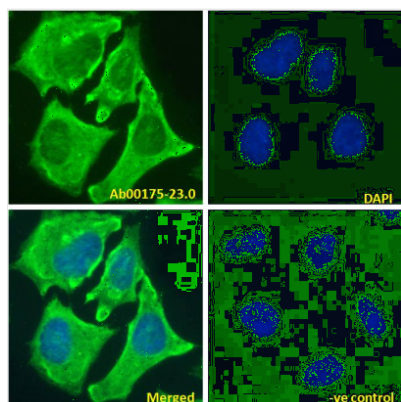
PRODUCT SYNONYMS

Notch 1; Anti-Notch 1 [E6]; Mis6; N1; Tan1; lin-12; NOTCH1; TAN1; hN1; Notch1 recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Isotype	Rabbit IgG, Lambda
Clone Number	E6
Specificity	An engineered ScFv fragment antibody that binds to both mouse mNRR1 and human hNRR1 but not NRR2.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300
Concentration	1 mg/ml (varies by lot)
Applicable Applications for Notch1 recombinant antibody	IHC (Immunohistochemistry), ELISA
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
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

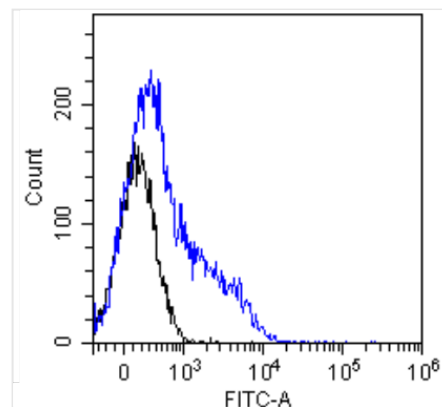
IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed HeLa cells with anti-Notch 1 antibody E6

Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of E6 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 DAPI, merged channels and a negative control. The negative control was stained with unimmunized rabbit IgG followed by Alexa Fluor 488 secondary antibody.



FCM/FACS (Flow Cytometry)

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 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 (129936) at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for Notch1 recombinant antibody	Recombinant monoclonal antibody to Notch 1. Manufactured using Recombinant Platform with variable regions (i.e. specificity) from the phage display derived scfv E6.
Product Categories/Family for Notch1 recombinant antibody	Phage display; SCFV
References	Falk R, Falk A, Dyson MR, Melidoni AN, Parthiban K, Young JL, Roake W, McCafferty J.Methods. 2012 Sep;58(1):69-78. PMID:22842086

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P46531
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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/notch1-human-mouse-recombinant-antibody/notch-1/71964>