

Product Datasheet

CDP/CUTL1 Antibody (2A10) - Azide and BSA Free H00001523-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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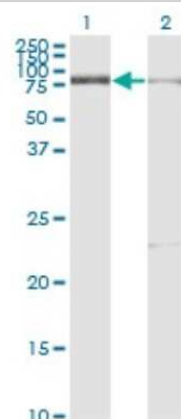
H00001523-M01

CDP/CUTL1 Antibody (2A10) - Azide and BSA Free

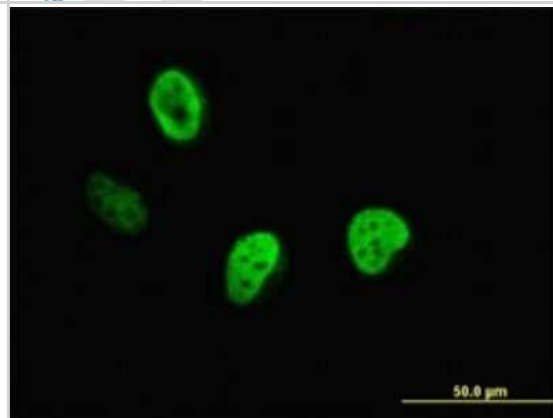
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2A10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1523
Gene Symbol	CUX1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	CUTL1 - cut-like 1, CCAAT displacement protein (Drosophila)
Immunogen	CUTL1 (NP_001904.2, 521 a.a. ~ 620 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. AENRLAQHTLQALQSELDLRLADNIKLFKIKFLQSYPGRGGSGDDTELRYSSQ YEERLDPFSSFSKRERQRKYLSLSPWDKATLSMGRLLVLSNKMARTI
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactivity against recombinant protein for WB.

Images

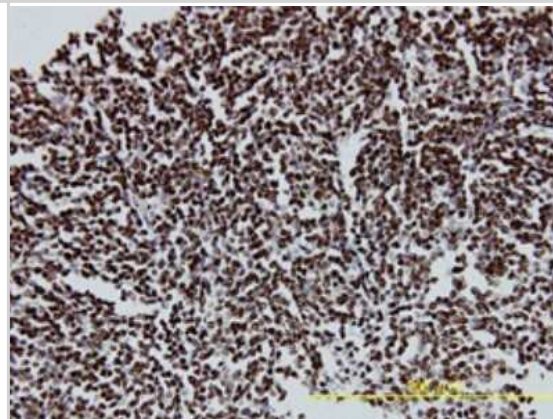
Western Blot: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - Analysis of CUX1 expression in transfected 293T cell line by CUTL1 monoclonal antibody (M01), clone 2A10. Lane 1: CUX1 transfected lysate(77.2 KDa). Lane 2: Non-transfected lysate.



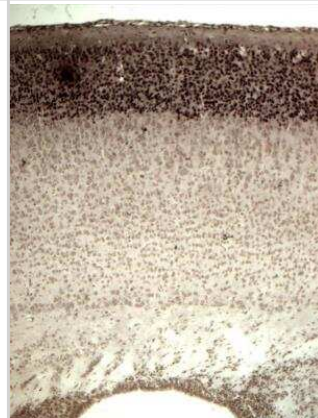
Immunocytochemistry/Immunofluorescence: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - Analysis of monoclonal antibody to CUTL1 on HeLa cell. Antibody concentration 10 ug/ml.



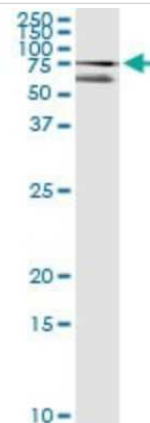
Immunohistochemistry-Paraffin: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - Analysis of monoclonal antibody to CUTL1 on formalin-fixed paraffin-embedded human malignant lymphoma, diffuse large B tissue. Antibody concentration 5 ug/ml.



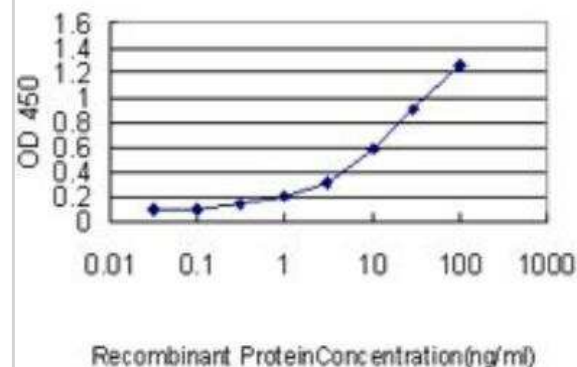
Immunohistochemistry-Paraffin: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - mouse cortex - postnatal brain was stained with anti-CUTL1 antibody. Image from verified customer review.



Immunoprecipitation: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - Analysis of CUX1 transfected lysate using anti-CUX1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CUX1 MaxPab rabbit polyclonal antibody.



ELISA: CDP/CUTL1 Antibody (2A10) [H00001523-M01] - Detection limit for recombinant GST tagged CUTL1 is approximately 0.03ng/ml as a capture antibody.



Publications

Esra K, Xiaofei L, Jakub L et al. The corepressor CtBP2 is required for proper development of the mouse cerebral cortex. *Mol Cell Neurosci*. 2020-03-10 [PMID: 32169478]

Massart R, Mignon V, Stanic J et al. Developmental and adult expression patterns of the G protein-coupled receptor GPR88 in the rat: Establishment of a dual nuclear-cytoplasmic localization. *J Comp Neurol* 2016-10-01 [PMID: 26918661]

Pasca AM, Sloan SA, Clarke LE et al. Functional cortical neurons and astrocytes from human pluripotent stem cells in 3D culture. *Nat Methods* 2015-07-01 [PMID: 26005811] (Human)

Saito T, Hanai S, Takashima S et al. Neocortical Layer Formation of Human Developing Brains and Lissencephalies: Consideration of Layer-Specific Marker Expression. *Cereb Cortex*. 2010-07-12 [PMID: 20624841]



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Products Related to H00001523-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00001523-Q01-10ug	Recombinant Human CDP/CUTL1 GST (N-Term) Protein

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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