

Product Datasheet

CLTB Antibody (4B12-1E3) - Azide and BSA Free H00001212-M01

Unit Size: 0.1 mg

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

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H00001212-M01

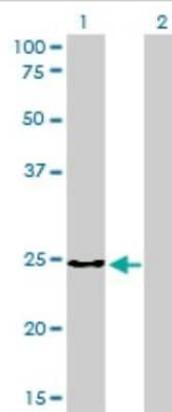
CLTB Antibody (4B12-1E3) - Azide and BSA Free

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	4B12-1E3
Preservative	No Preservative
Isotype	IgG2b 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	1212
Gene Symbol	CLTB
Species	Human
Specificity/Sensitivity	CLTB - clathrin, light polypeptide (Lcb)
Immunogen	CLTB (AAH06457, 1 a.a. ~ 211 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MADDFGFFSSSESGAPEAAEEDPAAAFLAQQESEIAGIENDEGFGAPAGSHAA PAQPGPTSGAGSEDMGTTVNGDVFQEANGPADGYAAIAQADRLTQEPESIRK WREEQRKRLQELDAASKVTEQEWREKAKKDLEEWNRQSEQVEKNKINNRA SEAFVKESKEETPGTEWEKVAQLCDFNPKSSKQCKDVSRLRSVLMSLKQTPL SR
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
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

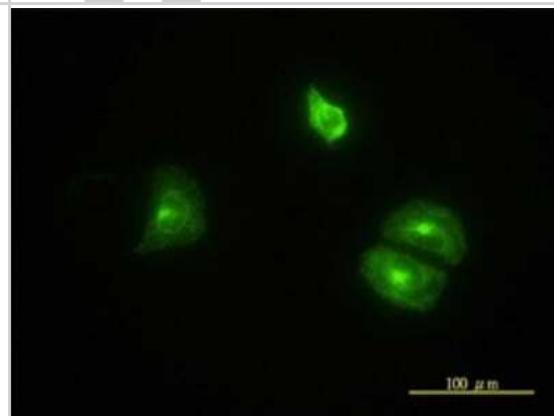


Images

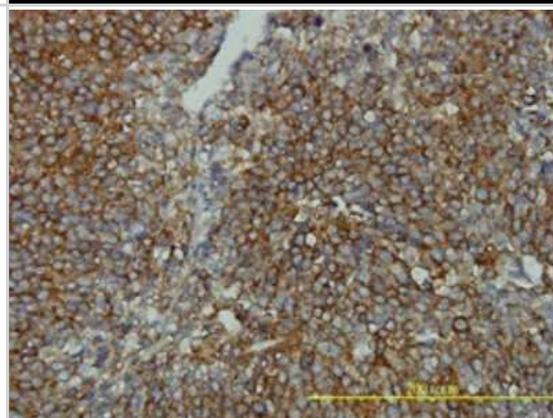
Western Blot: CLTB Antibody (4B12-1E3) [H00001212-M01] - Analysis of CLTB expression in transfected 293T cell line by CLTB monoclonal antibody (M01), clone 4B12-1E3. Lane 1: CLTB transfected lysate (23.2 KDa). Lane 2: Non-transfected lysate.



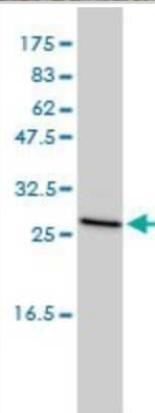
Immunocytochemistry/Immunofluorescence: CLTB Antibody (4B12-1E3) [H00001212-M01] - Analysis of monoclonal antibody to CLTB on HeLa cell. Antibody concentration 10 ug/ml.



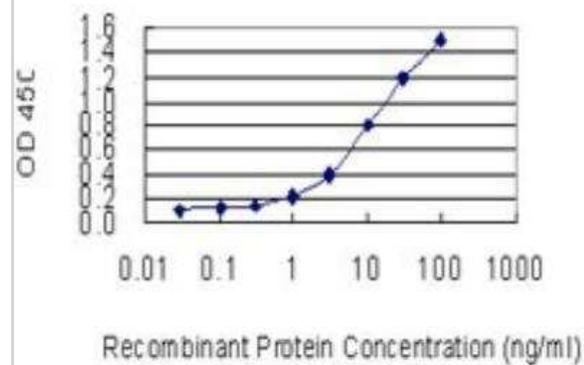
Immunohistochemistry-Paraffin: CLTB Antibody (4B12-1E3) [H00001212-M01] - Analysis of monoclonal antibody to CLTB on formalin-fixed paraffin-embedded human transitional cell carcinoma tissue. Antibody concentration 2 ug/ml.



Western Blot: CLTB Antibody (4B12-1E3) [H00001212-M01] - CLTB monoclonal antibody (M01), clone 4B12-1E3 Analysis of CLTB expression in MCF-7.



ELISA: CLTB Antibody (4B12-1E3) [H00001212-M01] - Detection limit for recombinant GST tagged CLTB is 0.1 ng/ml as a capture antibody.



Publications

Chen PH, Bendris N, Hsiao YJ et al. Crosstalk between CLCb/Dyn1-Mediated Adaptive Clathrin-Mediated Endocytosis and Epidermal Growth Factor Receptor Signaling Increases Metastasis. Dev Cell 2017-02-06 [PMID: 28171750]



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Products Related to H00001212-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-98874-100ug	Recombinant Human CLTB His 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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