

Product Datasheet

Cortactin Antibody (2B5)

H00002017-M01

Unit Size: 0.1 mg

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

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H00002017-M01

Cortactin Antibody (2B5)

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	2B5
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

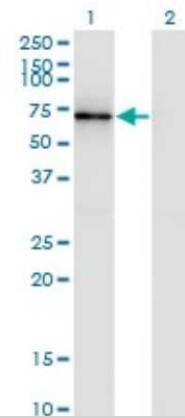
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	2017
Gene Symbol	CTTN
Species	Human
Specificity/Sensitivity	CTTN - cortactin (2B5)
Immunogen	CTTN (NP_005222.2, 341 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EAVTSKTSNIRANFENLAKEKEQEDRRKAEAERAQRMAKERQEQQEEARRKLE EQARAKTQTTPVSPAPQPTEERLPSSPVYEDAASFKAELSYRGPVSGTEPEPV YSMEA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

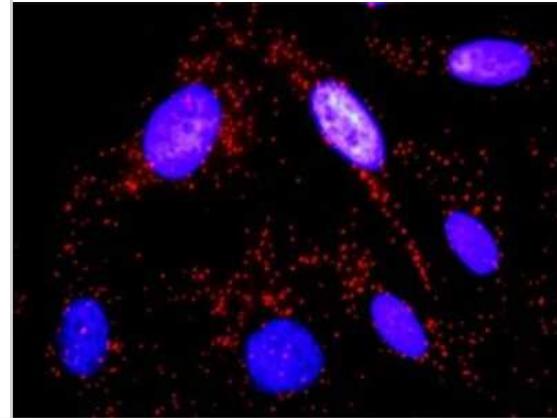
Applications	Western Blot, ELISA, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:500, ELISA, Proximity Ligation Assay, Sandwich ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

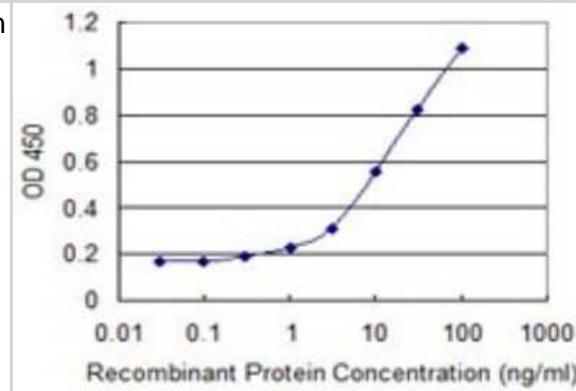
Western Blot: Cortactin Antibody (2B5) [H00002017-M01] - Analysis of CTTN expression in transfected 293T cell line by CTTN monoclonal antibody (M01), clone 2B5. Lane 1: CTTN transfected lysate (Predicted MW: 57.5 KDa). Lane 2: Non-transfected lysate.



Proximity Ligation Assay: Cortactin Antibody (2B5) [H00002017-M01] - Analysis of protein-protein interactions between SYK and CTTN. HeLa cells were stained with anti-SYK rabbit purified polyclonal 1:1200 and anti-CTTN mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Sandwich ELISA: Cortactin Antibody (2B5) [H00002017-M01] - Detection limit for recombinant GST tagged CTTN is 0.3 ng/ml as a capture antibody.



Publications

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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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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