

Product Datasheet

Carbonic Anhydrase XII/CA12 Antibody (1D4) H00000771-M01

Unit Size: 0.1 mg

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

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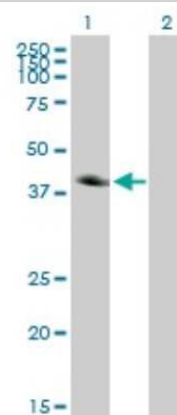


H00000771-M01**Carbonic Anhydrase XII/CA12 Antibody (1D4)**

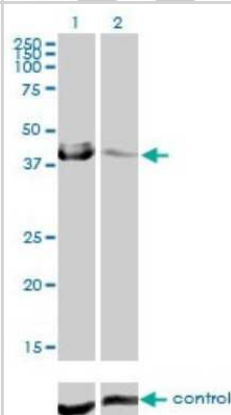
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D4
Preservative	No Preservative
Isotype	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	771
Gene Symbol	CA12
Species	Human
Specificity/Sensitivity	carbonic anhydrase XII
Immunogen	CA12 (NP_996808, 25 a.a. ~ 124 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. APVNGSKWTYFGPDGENSWKYPSCGGLLQSPIDLHSDILQYDASLTPLEFQ GYNLSANKQFLLTNNGHSVKLNLPSDMHIQGLQSRYSATQLHLHWGN
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. It has been used for RNAi Validation.

Images

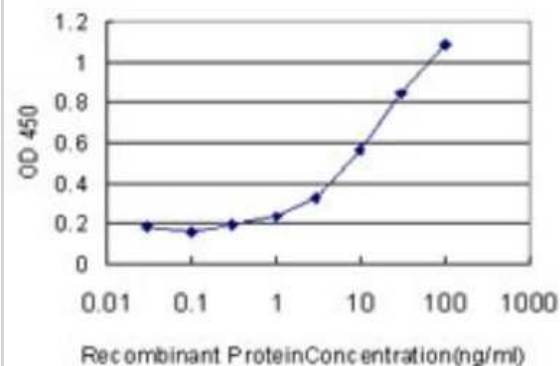
Western Blot: Carbonic Anhydrase XII/CA12 Antibody (1D4) [H00000771-M01] - Analysis of CA12 expression in transfected 293T cell line by CA12 monoclonal antibody (M01), clone 1D4. Lane 1: CA12 transfected lysate(39.5 KDa). Lane 2: Non-transfected lysate.



Western Blot: Carbonic Anhydrase XII/CA12 Antibody (1D4) [H00000771-M01] - Analysis of CA12 over-expressed 293 cell line, cotransfected with CA12 Validated Chimera RNAi (Cat # H00000771-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with CA12 monoclonal antibody (M01), clone 1D4 (Cat # H00000771-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Sandwich ELISA: Carbonic Anhydrase XII/CA12 Antibody (1D4) [H00000771-M01] - Detection limit for recombinant GST tagged CA12 is approximately 1ng/ml as a capture antibody.





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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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