

Product Datasheet

CBR1 Antibody (4D12-1G8) - Azide and BSA Free H00000873-M02

Unit Size: 0.1 mg

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

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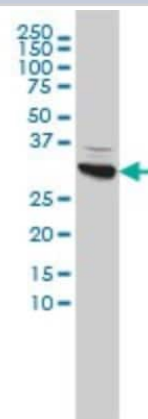
H00000873-M02

CBR1 Antibody (4D12-1G8) - 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	4D12-1G8
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	873
Gene Symbol	CBR1
Species	Human, Mouse
Specificity/Sensitivity	CBR1 - carbonyl reductase 1
Immunogen	CBR1 (AAH02511.1, 1 a.a. ~ 277 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSSGIHVALVTGGNKGIGLAIVRDLRDLRKEYGGLDVLVNNAGIAFKVADPTPFHIQAE GLSPRFHQLDIDDLQSIRALRDFLRKEYGGLDVLVNNAGIAFKVADPTPFHIQAE VTMKTNFFGTRDVCTELLPLIKPQGRVNVVSSIMSVRALKSCSPELQQKFRSET ITEEELVGLMNKFVEDTKKGVHQKEGWSSAYGVTKIGVTVLSRIHARKLSEQR KGDKILLNACCPGWVRTDMAGPKATKSPEEGAETPVYLALLPPDAEGPHGQF VSEKRVEQW
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

Images

Western Blot: CBR1 Antibody (4D12-1G8) [H00000873-M02] - CBR1 monoclonal antibody (M02), clone 4D12-1G8 Analysis of CBR1 expression in Hela.



Publications

Rashid M, Lee S, Tak E et al. Carbonyl reductase 1 protects pancreatic ss-cells against oxidative stress-induced apoptosis in glucotoxicity and glucolipotoxicity. *Free Radic Biol Med.* 2010-08-19 [PMID: 20728534]

Lakhman SS, Chen X, Gonzalez-Covarrubias V et al. Functional characterization of the promoter of human carbonyl reductase 1 (CBR1). Role of XRE elements in mediating induction of CBR1 by ligs of the aryl hydrocarbon receptor. *Mol Pharmacol*;72(3):734-43. 2007-09-01 [PMID: 17569794]



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Products Related to H00000873-M02

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)
NBC1-26370	Recombinant Human CBR1 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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