

Product Datasheet

Carboxylesterase 2/CES2 Antibody (4F12) - Azide and BSA Free H00008824-M02

Unit Size: 0.1 mg

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

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H00008824-M02

Carboxylesterase 2/CES2 Antibody (4F12) - 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	4F12
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	8824
Gene Symbol	CES2
Species	Human
Specificity/Sensitivity	CES2 (4F12)
Immunogen	CES2 (NP_003860, 514 a.a. ~ 621 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PPHMKADHGDLPFVFRSFFGGNYIKFTEEEEQLSRKMMKYWANFARNGNPN GEGLPHWPLFDQEEQYLQLNLQPAVGRALKAHRLQFWKKALPQKIQELEEEPE ERHT
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

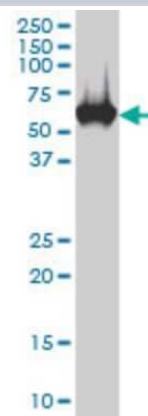
Product Application Details

Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

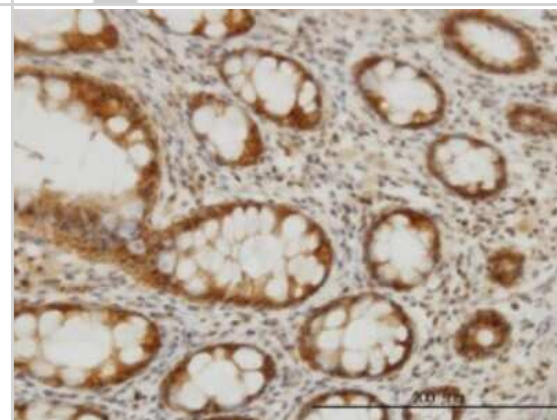


Images

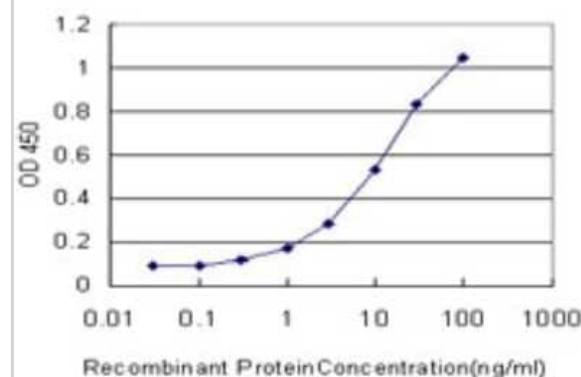
Western Blot: CES2 Antibody (4F12) [H00008824-M02] - CES2 monoclonal antibody (M02), clone 4F12 Analysis of CES2 expression in HepG2.



Immunohistochemistry-Paraffin: CES2 Antibody (4F12) [H00008824-M02] - Analysis of monoclonal antibody to CES2 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



Sandwich ELISA: CES2 Antibody (4F12) [H00008824-M02] - Detection limit for recombinant GST tagged CES2 is approximately 0.3ng/ml as a capture antibody.



Publications

Uchida K, Otake K, Tanaka K et al. Clinical implications of CES2 RNA expression in neuroblastoma. J Pediatr Surg. 2013-03-01 [PMID: 23480903]

Pratt SE, Durland-Busbice S, Shepard RL et al. Human Carboxylesterase-2 Hydrolyzes the Prodrug of Gemcitabine (LY2334737) and Confers Prodrug Sensitivity to Cancer Cells. Clin Cancer Res 2013-03-01 [PMID: 23325581] (WB, Human)



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Products Related to H00008824-M02

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)
NBP1-84556PEP	Carboxylesterase 2/CES2 Recombinant Protein Antigen

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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