

Product Datasheet

Stanniocalcin 2/STC-2 Antibody (2B11) - Azide and BSA Free

H00008614-M08

Unit Size: 0.1 mg

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

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H00008614-M08

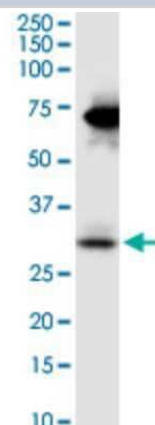
Stanniocalcin 2/STC-2 Antibody (2B11) - Azide and BSA Free

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	2B11
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	8614
Gene Symbol	STC2
Species	Human, Rat
Specificity/Sensitivity	STC2 (2B11)
Immunogen	STC2 (AAH00658, 1 a.a. ~ 302 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MCAERLGQFMTLALVLATFDPARGTATNPPEGPPQDRSSQQKGRSLQNTAEI QHCLVNAGDVGCGVFECFENNCEIRGLHGICMTFLHNAGKFDAQGKSFIDKA LKCKAHALRHRFGCISRKCPAIREMVSQLQRECYLKHDLCAAAQENTRVIVEMI HFKDLLLHEPYVDLVNLLTCEGEEVKEAITHSVQVQCEQNWGSLCSILSFCTSAI QKPPTAPPERQPQVDRTKLSRAHHGEAGHHLPEPSSRETGRGAKGERGSKS HPNAHARGRVGGLGAQGPSGSSEWEDEQSEYSDIR
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 Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

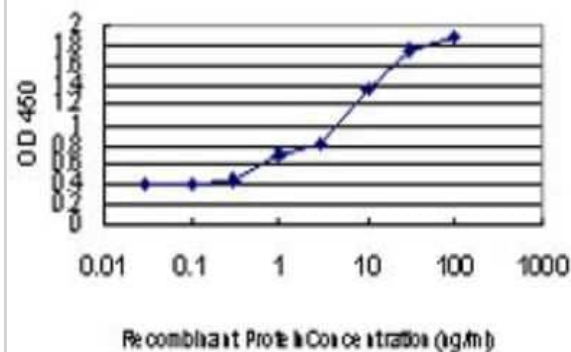


Images

Western Blot: Stanniocalcin 2/STC-2 Antibody (2B11) [H00008614-M08]
- Analysis of STC2 expression in PC-12.



Sandwich ELISA: Stanniocalcin 2/STC-2 Antibody (2B11) [H00008614-M08] - Detection limit for recombinant GST tagged STC2 is approximately 0.3ng/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

Na SS, Aldonza MB, Sung HJ et al. Stanniocalcin-2 (STC2): A potential lung cancer biomarker promotes lung cancer metastasis and progression. *Biochim Biophys Acta*. 2014-11-14 [PMID: 25463045]

Miyazaki S, Kikuchi H, Iino I et al. Anti-VEGF antibody therapy induces tumor hypoxia and stanniocalcin 2 expression and potentiates growth of human colon cancer xenografts. *Int J Cancer* 2013-12-20 [PMID: 24375080] (WB, Human)

Kita Y, Mimori K, Iwatsuki M et al. STC2: A Predictive Marker for Lymph Node Metastasis in Esophageal Squamous-Cell Carcinoma. *Ann Surg Oncol* 18(1):261-72. 2011-01-01 [PMID: 20734150]

Yokobori T, Mimori K, Ishii H et al. Clinical Significance of Stanniocalcin 2 as a Prognostic Marker in Gastric Cancer. *Ann Surg Oncol*. 2010-04-27 [PMID: 20422456]



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Products Related to H00008614-M08

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)
NBP1-92447PEP	Stanniocalcin 2/STC-2 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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