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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Transferrin TF Rabbit Monoclonal Antibody

Catalog Number: M00094

About TF

Phosphoinositide-3-kinase (PI3K) that phosphorylates PtdIns (Phosphatidylinositol), PtdIns4P (Phosphatidylinositol 4-phosphate) and PtdIns (4,5) P2 (Phosphatidylinositol 4,5-bisphosphate) to generate phosphatidylinositol 3,4,5-trisphosphate (PIP3) . PIP3 plays a key role by recruiting PH domain-containing proteins to the membrane, including AKT1 and PDPK1, activating signaling cascades involved in cell growth, survival, proliferation, motility and morphology. Participates in cellular signaling in response to various growth factors.

Overview

Product Name	Anti-Transferrin TF Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Transferrin TF Rabbit Monoclonal Antibody catalog # M00094. Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IHC, WB
Clonality	Monoclonal DOH-20
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02787

Technical Details

Immunogen	A synthesized peptide derived from human Transferrin
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

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	Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC 1:50-1:200 FC 1:50

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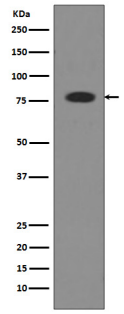
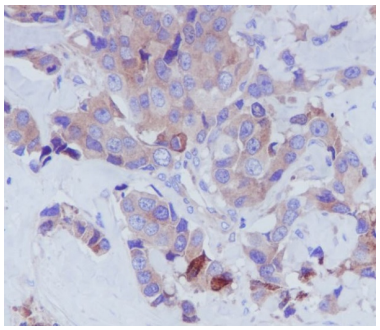
Anti-Transferrin TF Rabbit Monoclonal Antibody (M00094) Images



Western blot analysis of Transferrin expression in Human serum lysate.



Immunohistochemical analysis of paraffin-embedded Human breast carcinoma, using Transferrin Antibody.

2 Publications Citing This Product

1. PubMed ID: 26617772, MCPIP is induced by cholesterol and participated in cholesterol-caused DNA damage in HUVEC

2. PubMed ID: 25355395, Liang W, Zhang W, Zhao S, Li Q, Yang Y, Liang H, Ceng R. Mol Med Rep. 2015 Feb;11(2):903-9. Doi: 10.3892/Mmr.2014.2822. Epub 2014 Oct 30. A Study Of The Ultrasound-Targeted Microbubble Destruction Based Triplex-Forming Oligodexinucleotide Delivery...

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