BOSTER
antibody and ELISA experts

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Anti-Spermine synthase (SMS) Mouse Monoclonal Antibody [Clone ID: OTI3C9]

Catalog Number: M01831

Overview

Product Name	Anti-Spermine synthase (SMS) Mouse Monoclonal Antibody [Clone ID: OTI3C9]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio SMS (Spermine synthase) mouse monoclonal antibody, clone OTI3C9 (formerly 3C9). Catalog# M01831. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI3C9
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P52788

Technical Details

Immunogen	Full length human recombinant protein of human SMS (NP_004586) produced in HEK293T cell.
Isotype	IgG2b
Concentration	0.92 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
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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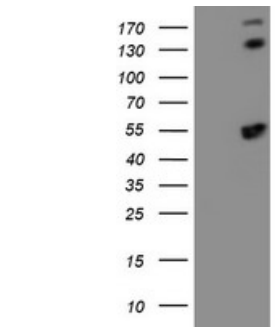
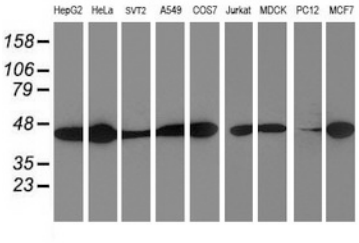
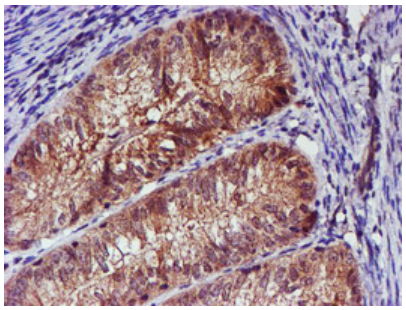
Anti-Spermine synthase (SMS) Mouse Monoclonal Antibody [Clone ID: OTI3C9] (M01831) Images



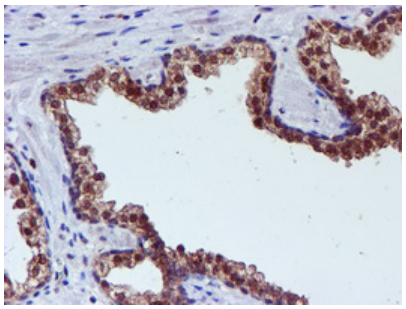
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SMS (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SMS.



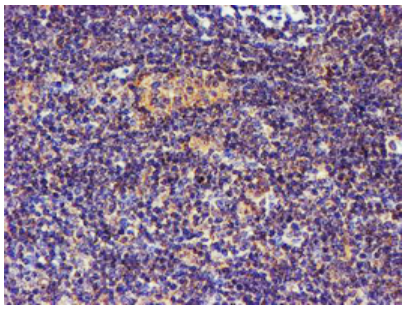
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SMS monoclonal antibody.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

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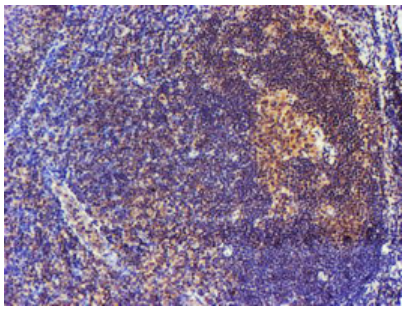
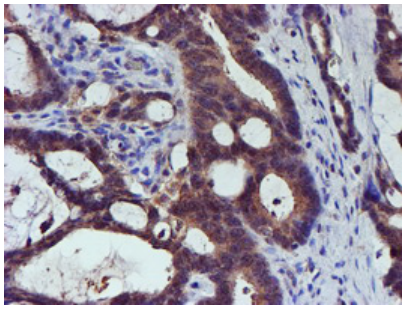
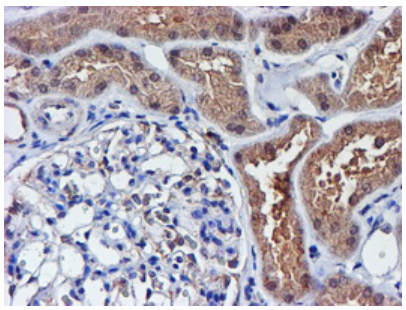


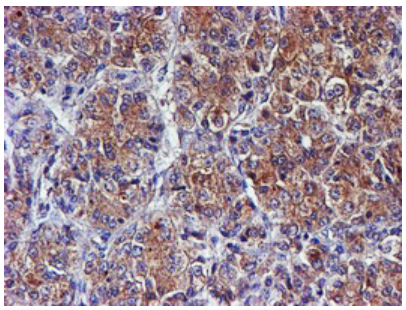
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



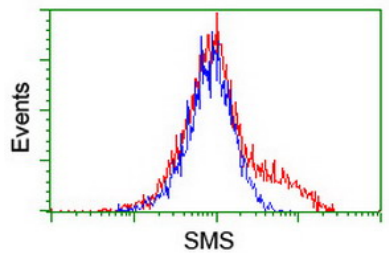
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Carcinoma of Human liver tissue using anti-SMS mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



HEK293T cells transfected with either SMS (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-SMS antibody (M01831)

Flow cytometric Analysis of Hela cells

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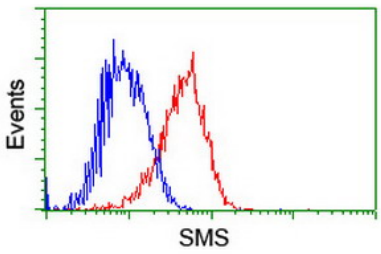

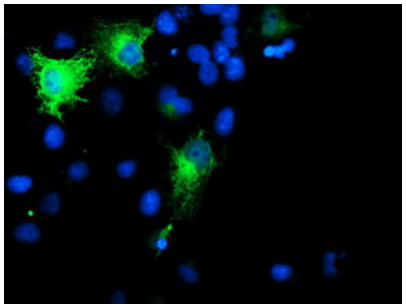

Anti-SMS mouse monoclonal antibody (M01831) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SMS.

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