

Anti-MCM7 Antibody

Catalog Number: A01649-1

About MCM7

Regulates and initiates biosynthesis of N-acetylneuraminic acid (NeuAc), a precursor of sialic acids. Plays an essential role in early development By similarity. Required for normal sialylation in hematopoietic cells. Sialylation is implicated in cell adhesion, signal transduction, tumorigenicity and metastatic behavior of malignant cells.

Lucka L., FEBS Lett. 454:341-344(1999).

Seppala R., Am. J. Hum. Genet. 64:1563-1569(1999).

Huizing M., Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.

Overview

Product Name	Anti-MCM7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-MCM7 Antibody catalog # A01649-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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	P33993

Technical Details

Immunogen	Synthesized peptide derived from human MCM7.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
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: Boster Bio's internal QC testing used: WB 1:500-1:2000 IHC-P 1:100-1:300 ELISA 1:20000

Anti-MCM7 Antibody (A01649-1) Images

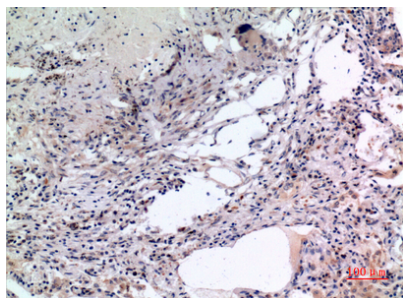


Figure 2. Immunohistochemistry validation of MCM7 using Anti-MCM7 Antibody (A01649-1).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Lung

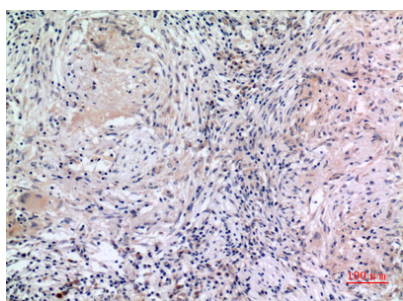


Figure 3. Immunohistochemistry validation of MCM7 using Anti-MCM7 Antibody (A01649-1).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Lung

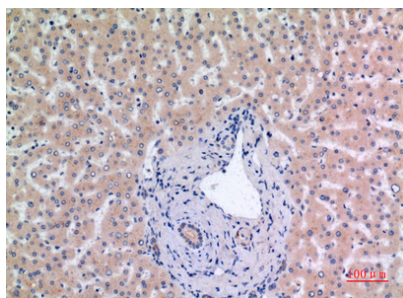


Figure 4. Immunohistochemistry validation of MCM7 using Anti-MCM7 Antibody (A01649-1).

Immunohistochemistry (IHC) analysis of paraffin-embedded Human Liver

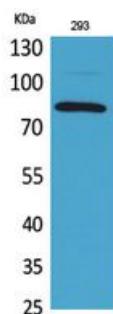


Figure 1. Western blotting validation for Anti-MCM7 Antibody A01649-1

Western Blot (WB) analysis of 293 cells using MCM7 polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

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