

Rabbit anti-Human, Mouse MSF/SEPTIN9 Polyclonal Antibody | anti-SEPTIN9 antibody

Anti-MSF/SEPTIN9 Antibody Picoband

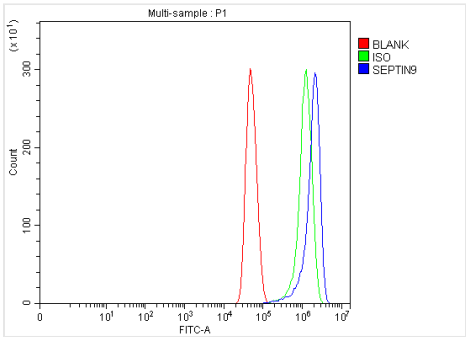
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA19540	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

MSF/SEPTIN9; Polyclonal Antibody; Anti-MSF/SEPTIN9 Antibody Picoband; anti-SEPTIN9 antibody

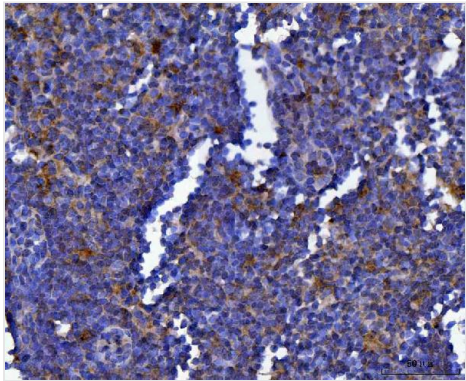
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SEPTIN9 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Application Notes	WB: 0.25-0.5 ug/ml, Human IHC-P: 2-5 ug/ml, Human, Mouse Direct ELISA: 0.1-0.5 ug/ml, Human Tested Species: In-house tested species with positive results. Enhanced Chemiluminescent Kit with anti-Rabbit IgG for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit for IHC(P).
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human MSF/SEPTIN9 recombinant protein (Position: R15-D282).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



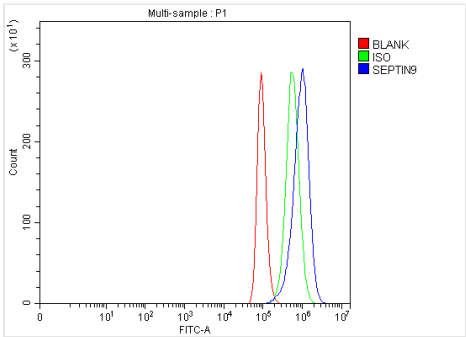
FCM (Flow Cytometry)

Figure 7. Flow Cytometry analysis of U251 cells using anti-MSF/SEPTIN9 antibody (AAA19540).Overlay histogram showing U251 cells stained with AAA19540 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-MSF/SEPTIN9 Antibody (AAA19540, 1 ug/1x10^6 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



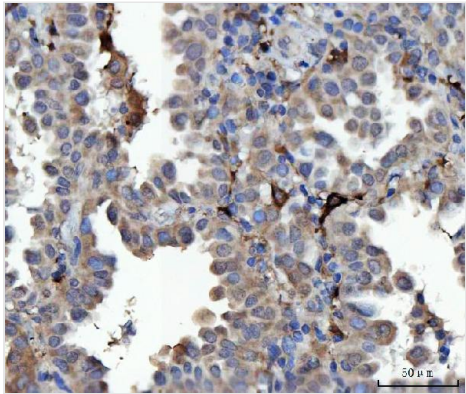
IHC (Immunohistochemistry)

Figure 5. IHC analysis of MSF/SEPTIN9 using anti-MSF/SEPTIN9 antibody (AAA19540).MSF/SEPTIN9 was detected in a paraffin-embedded section of mouse lymphaden tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-MSF/SEPTIN9 Antibody (AAA19540) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



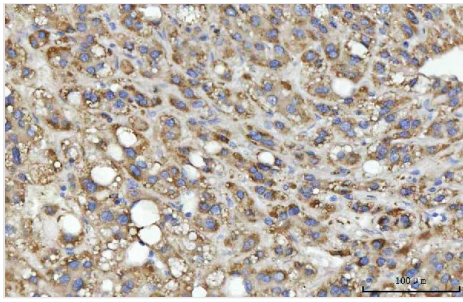
FCM (Flow Cytometry)

Figure 6. Flow Cytometry analysis of HeLa cells using anti-MSF/SEPTIN9 antibody (AAA19540).Overlay histogram showing HeLa cells stained with AAA19540 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-MSF/SEPTIN9 Antibody (AAA19540, 1 ug/1x10^6 cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10^6) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



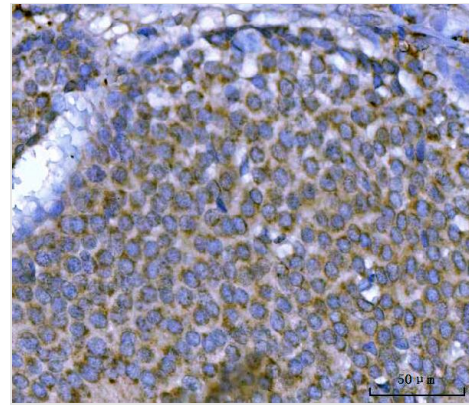
IHC (Immunohistochemistry)

Figure 4. IHC analysis of MSF/SEPTIN9 using anti-MSF/SEPTIN9 antibody (AAA19540).MSF/SEPTIN9 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-MSF/SEPTIN9 Antibody (AAA19540) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 3. IHC analysis of MSF/SEPTIN9 using anti-MSF/SEPTIN9 antibody (AAA19540).MSF/SEPTIN9 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-MSF/SEPTIN9 Antibody (AAA19540) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of MSF/SEPTIN9 using anti-MSF/SEPTIN9 antibody (AAA19540).MSF/SEPTIN9 was detected in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-MSF/SEPTIN9 Antibody (AAA19540) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-SEPTIN9 antibody	This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-SEPTIN9 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18203688
NCBI GeneID	10801
UniProt Accession #	Q9UHD8 ; Q96QF3 ; Q96QF4 ; Q96QF5 ; Q9HA04 ; Q9UG40 ; A8K2V3 ; B3KPM0 ; B4DTL9 ; B4E0N2 ; B4E274 ; B7Z654
Molecular Weight	41,187 Da
NCBI Official Full Name	Septin 9
NCBI Official Synonym Full Names	septin 9
NCBI Official Symbol	SEPT9
NCBI Official Synonym Symbols	MSF; MSF1; NAPB; SINT1; PNUTL4; SeptD1; AF17q25
NCBI Protein Information	septin-9
UniProt Protein Name	Septin-9
UniProt Gene Name	SEPT9
UniProt Synonym Gene Names	KIAA0991; MSF; MLL septin-like fusion protein; Ov/Br septin
UniProt Entry Name	SEPT9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/msf-septin9-antibody-western-blot-immunohistochemistry-elisa/19540>