

Product Datasheet

ASC/TMS1 Antibody - BSA Free NBP1-77297

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-77297

ASC/TMS1 Antibody - BSA Free

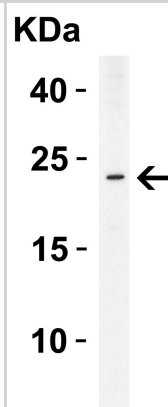
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS
Target Molecular Weight	22 kDa

Product Description	
Host	Rabbit
Gene ID	29108
Gene Symbol	PYCARD
Species	Human
Specificity/Sensitivity	This ASC/TMS1 Antibody can detect all human isoforms - isoform 1 (195aa, 22kDa), isoform 2 (176aa, 20kDa), and isoform 3 (135aa, 15kDa),
Immunogen	This ASC/TMS1 Antibody was developed against a 14 amino acid peptide near the carboxy terminus of human ASC/TMS1 . The immunogen is located within the last 50 amino acids of ASC. Amino Acid Sequence: RESQSYLVEDLERS

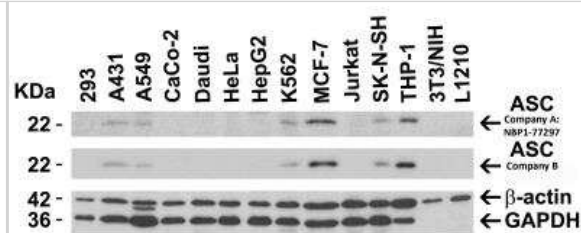
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1-2 ug/mL, ELISA 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 5 ug/mL, Immunohistochemistry-Paraffin 2.5 ug/mL

Images

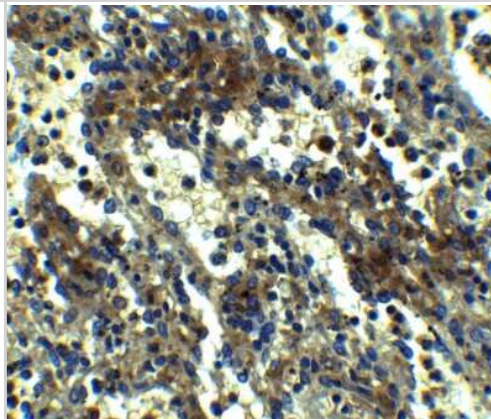
Western Blot: ASC/TMS1 Antibody - BSA Free [NBP1-77297] - Western Blot Validation in Human THP-1 Cells. Loading: 15 ug of lysate per lane. Antibodies: ASC/TMS1 , (2 u/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.



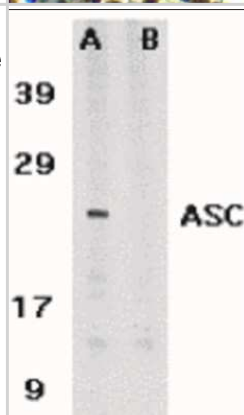
Western Blot: ASC/TMS1 Antibody [NBP1-77297] - Independent Antibody Validation (IAV) via Protein Expression Profile in Cell Lines Loading: 15 ug of lysates per lane. Antibodies: ASC/TMS1 (NBP1-77297), (2 ug/mL), ASC, (2 ug/mL), beta-actin (1 ug/mL) and GAPDH (0.02 ug/mL), 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit or goat anti-mouse IgG HRP conjugate.



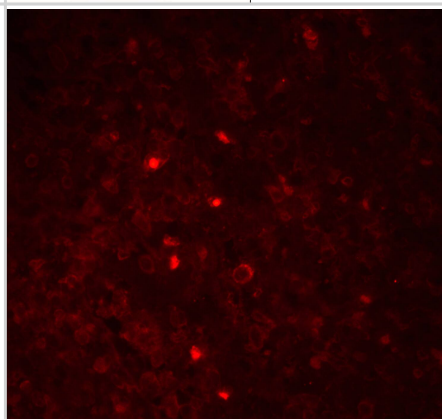
Immunohistochemistry: ASC/TMS1 Antibody [NBP1-77297] - Staining of human spleen tissue with antibody at 2.5 ug/ml.



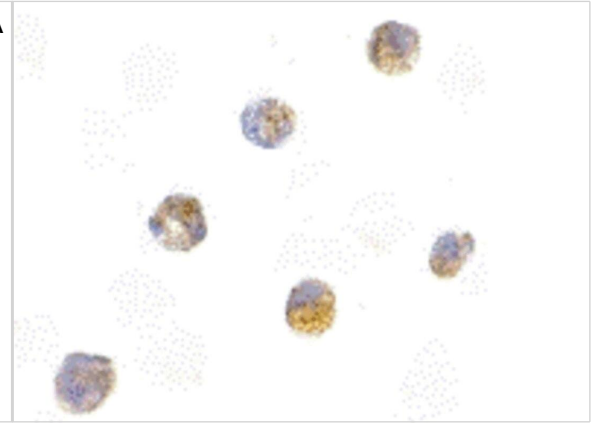
Western Blot: ASC/TMS1 Antibody [NBP1-77297] - Western blot analysis of ASC in HL60 whole cell lysate in the absence (A) or presence (B) of blocking peptide with ASC antibody at 1 ug/ml.



Immunohistochemistry: ASC/TMS1 Antibody - BSA Free [NBP1-77297] - Validation of ASC/TMS1 in Human Spleen Tissue. Immunofluorescent analysis of 4% paraformaldehyde-fixed Human Spleen Tissue labeling ASC/TMS1 with at 20 ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (red).



Immunocytochemistry/ Immunofluorescence: ASC/TMS1 Antibody - BSA Free [NBP1-77297] - Validation of ASC/TMS1 in HL60 Cells.
Immunocytochemical analysis of HL60 cells using anti-ASC/TMS1 antibody at 5 ug/ml. Cells was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.





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Products Related to NBP1-77297

NBP1-77297PEP	ASC/TMS1 Antibody Blocking Peptide
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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