ASC Antibody

Catalog No: #24111

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

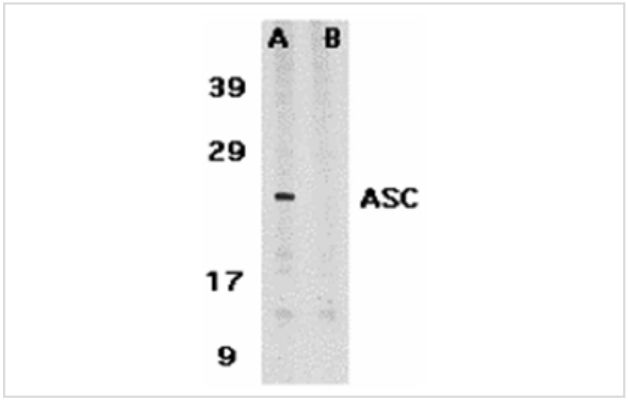
Description

Product Name	ASC Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 182 to 195 of human ASC.
Target Name	ASC
Accession No.	Swiss-Prot:Q9ULZ3Gene ID:29108
Uniprot	Q9ULZ3
GeneID	29108;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

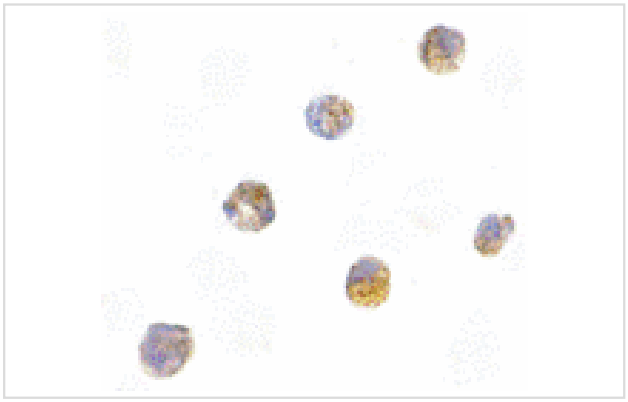
Application Details

Predicted MW: 25 kd

Images



Western blot analysis of ASC in HL60 whole cell lysate in the absence (A) or presence (B) of blocking peptide (2287P) with ASC antibody at 1 ug /ml.



Immunocytochemistry of ASC in HL60 cells with ASC antibody at 5 ug/mL.

Background

Apoptosis is regulated by death domain (DD) and/or caspase recruitment domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include RAIDD, RICK, BCL10, Apaf-1, ARC, caspase-9, and caspase-2. A novel CARD domain containing protein was recently identified in human and mouse and designated ASC and TMS1. Ectopic expression of ASC/TMS1 induced apoptosis through activation of caspase-9 and inhibited the survival of human breast cancer cells (3, 4). Overexpression of ASC/TMS1 induced DNA fragmentation. ASC/TMS1 is expressed in a variety of human and mouse tissues.

Note: This product is for in vitro research use only