

ASC Mouse Monoclonal Antibody

Catalog #: EAB21727

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG1	Monoclonal	WB, IHC-P, IF/ICC	22	Human, Rat

Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB (Western Blotting)	1:2000-10000
IHC-P (Immunohistochemistry-Paraffin)	1:50-300
IF/ICC (Immunofluorescence/Immunocytochemistry)	1:50-300

Product Information

Conjugate	Unconjugate
Specificity	ASC Mouse Monoclonal Antibody detects endogenous levels of ASC protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	Q9ULZ3
Entrez-Gene ID	29108

Product Description

This gene encodes an adaptor protein that is composed of two protein-protein interaction domains: a N-terminal PYRIN-PAAD-DAPIN domain (PYD) and a C-terminal caspase-recruitment domain (CARD). The PYD and CARD domains are members of the six-helix bundle death domain-fold superfamily that mediates assembly of large signaling complexes in the inflammatory and apoptotic signaling pathways via the activation of caspase. In normal cells, this protein is localized to the cytoplasm; however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery. Two transcript variants encoding different isoforms have been found for this gene.

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