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SERPINB3 Antibody

Purified Mouse Monoclonal Antibody (Mab)
Catalog # AM8571b

Product Information

Application	WB, E
Primary Accession	P29508
Reactivity	Human
Host	Mouse
Clonality	monoclonal
Isotype	IgG2b,k
Clone Names	798CT5.2.2
Calculated MW	44565

Additional Information

Gene ID	6317
Other Names	Serpin B3, Protein T4-A, Squamous cell carcinoma antigen 1, SCCA-1, SERPINB3, SCCA, SCCA1
Target/Specificity	This antibody is generated from a mouse immunized with a recombinant between 1-390 amino acids from human.
Dilution	WB~~1:4000 E~~Use at an assay dependent concentration.
Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	SERPINB3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SERPINB3
Synonyms	SCCA, SCCA1
Function	May act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).

Cellular Location	Cytoplasm. Note=Seems to also be secreted in plasma by cancerous cells but at a low level
Tissue Location	Squamous cells. Expressed in some hepatocellular carcinoma (at protein level).

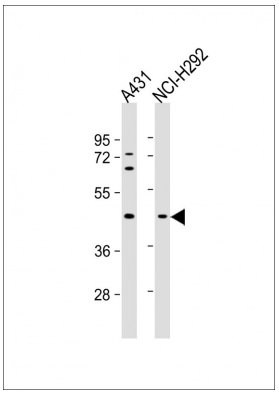
Background

May act as a papain-like cysteine protease inhibitor to modulate the host immune response against tumor cells. Also functions as an inhibitor of UV-induced apoptosis via suppression of the activity of c-Jun NH(2)-terminal kinase (JNK1).

References

Suminami Y.,et al.Biochem. Biophys. Res. Commun. 181:51-58(1991).
Schneider S.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 92:3147-3151(1995).
Suminami Y.,et al.Submitted (JUL-2000) to the EMBL/GenBank/DDBJ databases.
Moore P.L.,et al.J. Biol. Chem. 278:46709-46717(2003).
Tong C.,et al.Submitted (FEB-2003) to the EMBL/GenBank/DDBJ databases.

Images



All lanes : Anti-SERPINB3 at 1:4000 dilution Lane 1: A431 whole cell lysate Lane 2: NCI-H292 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 45 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.