

Name: SERPINB4 mouse monoclonal antibody, clone UMAB16
Product Data Sheet - UltraMAB

Catalog: UM500016

Gene Name: Homo sapiens serpin peptidase inhibitor, clade B (ovalbumin), member 4 (SERPINB4)
GeneBank accession: NM_002974
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB16

Gene Synonym: LEUPIN; PI11; SCCA-2; SCCA1; SCCA2

Guaranteed Applications: WB, IHC, 10K-CHIP

Suggested Dilutions: WB 1:500, IHC 1:150,

Immunogen: Full length human recombinant protein of human SERPINB4 (NP_002965) produced in HEK293T cell.

Components:

- SERPINB4 mouse monoclonal antibody, clone UMAB16 (UM500016)

Amount:

UM500016 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

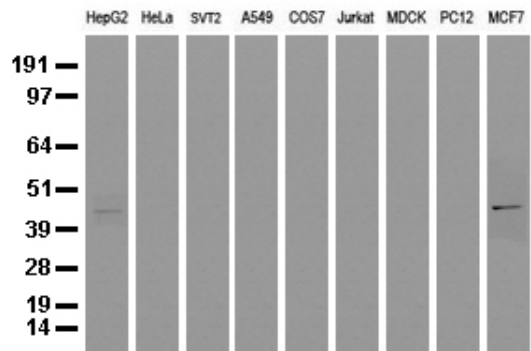
Purified from mouse ascites fluids by affinity chromatography

Background:

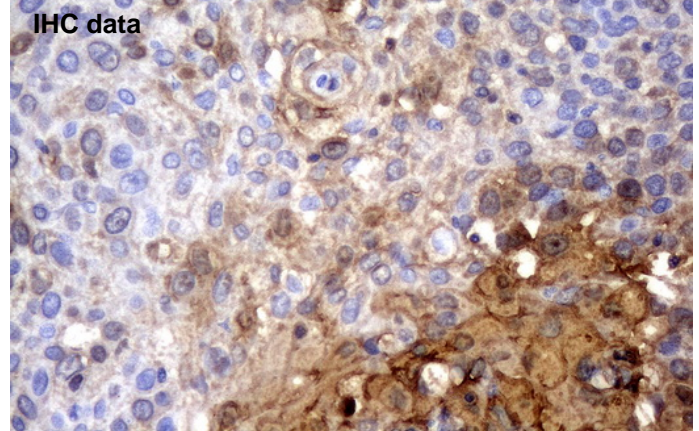
SERPINB4 is also called squamous cell carcinoma antigen 2 (SCCA-2) or leupin. It directly inhibits human granzyme proteolytic activity and that overexpression of SERPINB4 in HeLa cells inhibits recombinant granzyme-induced as well as NK cell-mediated cell death.

Validation Data:

Western Blot



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-SERPINB4 monoclonal antibody (Clone UMAB16) at 1:500.



Immunohistochemical staining of paraffin-embedded Carcinoma of bladder tissue using anti-SERPINB4 mouse monoclonal antibody. (Clone UMAB16, Dilution 1:100)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500016.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.