

Anti-MSLN antibody (296-606) (STJ116034)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

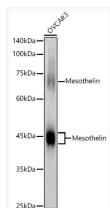
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:200 IF/ICC: 1:100-1:500 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 69kDa Observed Mw: 46-48kDa/70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

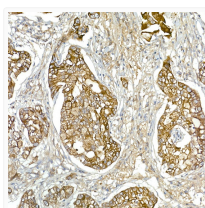
Gene ID	10232
Gene Symbol	MSLN
UniProt ID	MSLN_HUMAN
Immunogen Region	296-606
Immunogen Sequence	EVEKTACPSGKKAREIDESL IFYKKWELEACVDAALLATQ MDRVNAIPFTYEQLDVLKHK LDELYPQGYPESVIQHLGYL FLKMSPEDIRKWNVTSLLETL KALLEVNKGHEMSPQAPRRP LPQVATLIDRFVKGRGQLDK DTLDTLTAFYPGYLCSLSP ELSVPPSSIWAVRPQDLDT CDPRQLDVLVYPKARLAFQNM NGSEYFVKIQSFLGGAPTED LKALSQQNVSMDLATFMKL
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 296-606 of human Mesothelin (NP_037536.2).

ADDITIONAL INFORMATION

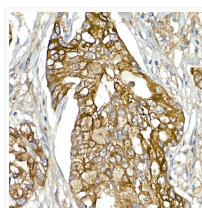
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



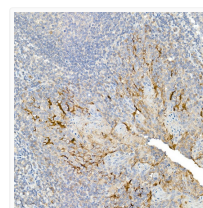
Western blot analysis of extracts of OVCAR3 cells, using Mesothelin antibody (STJ116034) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



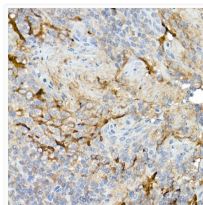
Immunohistochemistry analysis of paraffin-embedded human lung cancer (200X) using Mesothelin rabbit polyclonal antibody (STJ116034) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human lung cancer (400X) using Mesothelin rabbit polyclonal antibody (STJ116034) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human tonsil (200X) using Mesothelin rabbit polyclonal antibody (STJ116034) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human tonsil (400X) using Mesothelin rabbit polyclonal antibody (STJ116034) at dilution of 1:50 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.