

### 32-5963: Mouse Anti Human Cathepsin-S(Clone:PAT1F9A)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PAT1F9A
<b>Application :</b>	ELISA,WB
<b>Gene :</b>	CTSS
<b>Gene ID :</b>	1520
<b>Uniprot ID :</b>	P25774
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Cathepsin S,MGC3886,CTSS,Cathepsin-S.
<b>Isotype :</b>	Mouse IgG2b heavy chain and Kappa light chain.
<b>Immunogen Information :</b>	Anti-human CTSS mAb, clone PAT1F9A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human CTSS protein 17-331 amino acids purified from E. coli.

#### Description

Cathepsin S (CTSS) belongs to the peptidase C1 family. CTSS is a lysosomal cysteine proteinase that participates in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. CTSS functions as an elastase over a broad pH range in alveolar macrophages.

#### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	CTSS antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
<b>Content :</b>	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
<b>Storage condition :</b>	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

#### Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:500.