

32-5950: Mouse Anti Human Cathepsin H(Clone:P3G8AT.)

Clonality :	Monoclonal
Clone Name :	P3G8AT.
Application :	ELISA,WB
Gene :	CTSC
Gene ID :	1075
Uniprot ID :	P53634
Format :	Purified
Alternative Name :	Cathepsin H,CTSH,CPSB,ACC-4,ACC-5,MGC1519,minichain,DKFZp686B24257.
Isotype :	Mouse IgG2a heavy chain and ? light chain.
Immunogen Information :	Anti-human Cathepsin H mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human Cathepsin H amino acids 23-335 purified from E. coli.

Description

Cathepsin H is a lysosomal cysteine proteinase important in the overall degradation of lysosomal proteins. Cathepsin H is composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. Cathepsin H, which belongs to the peptidase C1 protein family, can act both as an aminopeptidase and as an endopeptidase. Increased expression of the Cathepsin H gene has been associated with malignant progression of prostate tumors.

Product Info

Amount :	20 µg
Purification :	Cathepsin H antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	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

Cathepsin H antibody has been tested by ELISA and 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 dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.