

Product Information

Size:

5µg

Applications:

Western Blot, ELISA

Reactivity:

Human

Source:

Mouse

Isotype:

IgG2b

Purification Method:

Cathepsin-L antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

Protein Background:

Cathepsins B, C, H, L, S, V, X/Z/P and 1 are cysteine proteases of the papain family. Cathepsin C is also known as DPPI (dipeptidyl-peptidase I). Cathepsin A is a serine carboxypeptidase and Cathepsin D and E are aspartic proteases. As lysosomal proteases, cathepsins play an important role in protein degradation. Because of their redistribution or increased levels in human and animal tumors, cathepsins may have a role in invasion and metastasis. Cathepsins are synthesized as inactive proenzymes and processed to become mature and active enzymes. Endogenous protein inhibitors, such as cystatins and some serpins, inhibit active enzymes.

Synonyms:

Cathepsin L1, EC 3.4.22.15, Major excreted protein, MEP, CTSL1, CTSL, CATL, FLJ31037.

Immunogen:

Anti-human Cathepsin-L mAb is derived from hybridization of mouse F myeloma cells with spleen cells from BALB/c mice immunized with recombinant human Cathepsin-L amino acids 114-333 purified from Ecoli.

Storage:

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.