

## Cathepsin L antibody [33/2]

**Cat. No. GTX26314**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, IHC-Fr, ELISA
<b>Reactivity</b>	Human, Mouse, Rat, Mink

References ( 1 )  
 Package  
 100 µl

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:200
IHC-Fr	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

**Calculated MW** 38 kDa. ( [Note](#) )

**Product Note**

Reacts specifically with native and denatured forms of human cathepsin L and procathepsin L. Recognizes an epitope within amino acid residues GYGFEST (265-271 in procathepsin L and 169-175 in the mature cathepsin L molecule). The antibody may be used for the suppression of the malignant growth of myeloma cells. Cross-reactivity is observed with rat cathepsin L (strong), mouse procathepsin L (weak) and mink cathepsin and procathepsin L. Does not cross-react with human cathepsin types B, D, H and S, procathepsins B and D, rat cathepsin B, and mouse procathepsins B and D.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<b>Preservative</b>	15mM Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Immunogen</b>	procathepsin L isolated from the human lung cancer cell line EPLC 32M1.
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated



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