# Anti-Cathepsin D/CTSD antibody

Catalog Number: 103016



#### **Product name**

Anti-Cathepsin D/CTSD antibody

#### Immunogen

Mouse Cathepsin D/CTSD (His Tag) recombinant protein

#### Specificity

Mouse Cathepsin D / CTSD

#### **Antibody description**

Rabbit monoclonal to Cathepsin D/CTSD

#### Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Mouse Cathepsin D / CTSD (rM Cathepsin D / CTSD; NP\_034113.1; Met 1-Leu 410).

# Formulation

 $0.2\ \mu m$  filtered solution in PBS with 5% trehalose

#### Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

# Clonality

Monoclonal

Ig Type

Rabbit IgG

#### **Applications** ELISA, WB, IP

#### Dilutions

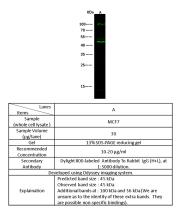
WB: 10-20 µg/ml

ELISA: 0.1-0.2  $\mu$ g/mL

This antibody can be used at 0.1-0.2  $\mu$ g/mL with the appropriate secondary reagents to detect Mouse CTSD. The detection limit for Mouse CTSD is approximately 0.00975 ng/well.

IP: 4-6  $\mu$ g/mg of lysate

# Validations



# Cathepsin D / CTSD Antibody, Rabbit MAb

	KDa	A	в		
	100			₩	IgG heavy chain CTSD
	10-				
Lanes	۸			В	
Sample (whole cell lysate)	MCF-7			HepG2	
Sample quantity	0.5 mg				
IP antibody quantity	2 µg				
Protein G agarose	1.5 µl of 50% Protein G Agarose				
Gel	13% SDS-PAGE reducing gel				
Primary antibody	mCTSD antibody at 10 µg/ml				
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution				

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