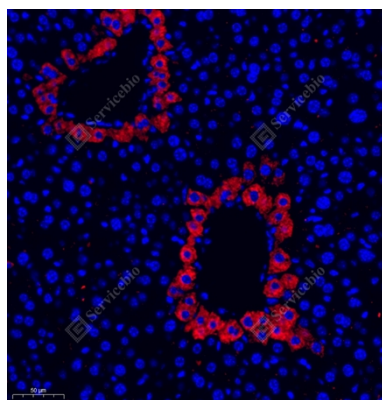


Anti-Cathepsin D Rabbit pAb



GB111861 -20°C

Product Information			
Protein full name	Cathepsin D		
Synonyms	Ctsd, CatD, CD, CLN10, CPSD, Epididymis secretory sperm binding protein Li 130P, HEL S 130P, Lysosomal aspartyl peptidase		
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse Cathepsin D		
Uniprot ID	P18242		
Isotype	IgG		
Purity	Affinity purification		
Subcellular location	Lysosome, Secreted		
Applications	Species	Dilution	Positive Tissue
IHC/IF	Human, Mouse	1: 200-1: 400	liver
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
CTSD(Cathepsin D) is also named as CPSD,belongs to the peptidase A1 family.It is ubiquitously expressed and is involved in proteolytic degradation, cell invasion, and apoptosis. The prepro-CTSD isoform has a molecular mass of 52 kDa, the pro-CTSD 48 kDa and the mature CTSD 32 kDa. It is a lysosomal acid protease found in neutrophils and monocytes and involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.Defects in CTSD are the cause of neuronal ceroid lipofuscinosis type 10 (CLN10).This antibody is specific to CTSD.			
Images			



IF analysis of Cathepsin D(GB111861)red.
Sample: Mouse liver, 4% PFA (G1101) 12-24h.
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 98°C, 20min.
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.
Primary antibody: 1: 200, 4°C overnight.
Secondary antibody: Cy3 conjugated Goat Anti-Rabbit IgG (H+L) (GB21303), 1: 300, RT, 1h.

For Research Use Only!

Ver. No.: V2.0-20260420