



Anti-CTSD monoclonal antibody, clone C5 (CABT-50250MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises human Cathepsin D, a lysosomal protease found in very low concentrations in normal cells. Cathepsin D is secreted as a precursor protein, but it is processed in the cell to produce the mature form. Immunohistology Trypsinisation may be required.
Specificity	CTSD
Immunogen	Cathepsin D purified from human spleen
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	C5
Conjugate	Unconjugated
Applications	IHC-Fr; IHC-P
Format	Liquid
Size	200 µl
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CTSD cathepsin D [Homo sapiens (human)]
Official Symbol	CTSD
Synonyms	CTSD; cathepsin D; CPSD; CLN10; HEL-S-130P; lysosomal aspartyl protease; lysosomal aspartyl peptidase; ceroid-lipofuscinosis, neuronal 10; epididymis secretory sperm binding protein Li 130P;
Entrez Gene ID	1509
Protein Refseq	NP_001900
UniProt ID	P07339
Chromosome Location	11p15.5
Pathway	Adaptive Immune System; Ceramide signaling pathway; Collagen degradation; Degradation of the extracellular matrix; Direct p53 effectors; Extracellular matrix organization; Immune System; LKB1 signaling events;
Function	aspartic-type endopeptidase activity; protein binding;