



Anti-CTSB monoclonal antibody, clone 266825 (DCABY-4187)

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

PRODUCT INFORMATION

Antigen Description	View Cathepsin B IHC images.
Specificity	Detects humanCathepsin B. Does not cross-react with recombinant human Cathepsin A, C, D, E, L, S, V, X/Z/P, SA, or recombinant mouse Cathepsin B.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Cathepsin B. Arg18-Ile339 Accession Number P07858
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	266825
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Immunoprecipitation, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 °C as supplied.
1 month from date of receipt, 2 to 8 °C, reconstituted.
6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	CTSB cathepsin B [Homo sapiens (human)]
Official Symbol	CTSB
Synonyms	CTSB; cathepsin B; APPS; CPSB; cathepsin B1; APP secretase; cysteine protease; amyloid precursor protein secretase;
Entrez Gene ID	1508
Protein Refseq	NP_001899
UniProt ID	A0A024R374
Chromosome Location	8p22
Pathway	Adaptive Immune System; Antigen processing and presentation; Assembly of collagen fibrils and other multimeric structures; Collagen degradation; Collagen formation; Degradation of the extracellular matrix; Extracellular matrix organization; Immune System;
Function	collagen binding; cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity; protein binding; proteoglycan binding;