Datasheet for ABIN560534

anti-Cathepsin D antibody (AA 26-412)

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Overview

Quantity:	100 µg
Target:	Cathepsin D (CTSD)
Binding Specificity:	AA 26-412
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Cathepsin D antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunoprecipitation (IP)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant CTSD.
Immunogen:	CTSD (AAH16320, 26 a.a. ~ 412 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	LHKFTSIRRT MSEVGGSVED LIAKGPVSKY SQAVPAVTEG PIPEVLKNYM DAQYYGEIGI GTPPQCFTVV FDTGSSNLWV PSIHCKLLDI ACWIHHKYNS DKSSTYVKNG TSFDIHYGSG SLSGYLSQDT VSVPCQSASS ASALGGVKVE RQVFGEATKQ PGITFIAAKF DGILGMAYPR ISVNNVLPVF DNLMQQKLVD QNIFSFYLSR DPDAQPGGEL MLGGTDSKYY KGSLSYLNVT RKAYWQVHLD QVEVASGLTL CKEGCEAIVD TGTSLMVGPV DEVRELQKAI GAVPLIQGEY MIPCEKVSTL PAITLKLGGK GYKLSPEDYT LKVSQAGKTL CLSGFMGMDI PPPSGPLWIL GDVFIGRYYT VFDRDNNRVG FAEAARL

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Product Details

Clone:	3F12-1B9
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Cathepsin D (CTSD)
Alternative Name:	CTSD (CTSD Products)
Background:	Full Gene Name: cathepsin D Synonyms: CLN10,CPSD,MGC2311
Gene ID:	1509
Pathways:	Peptide Hormone Metabolism

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Kam, Hennessy, Chua, Gan, Philp, Hon, Lai, Chan, Ong, Wong, Lim, Ling, Tan, Tan, Ho, Kon: " Characterization of the human gastric fluid proteome reveals distinct pH-dependent protein profiles: implications for biomarker studies." in: **Journal of proteome research**, Vol. 10, Issue 10 , pp. 4535-46, (2011) (PubMed).

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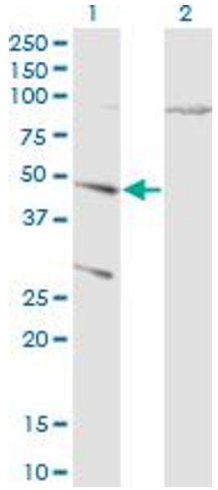
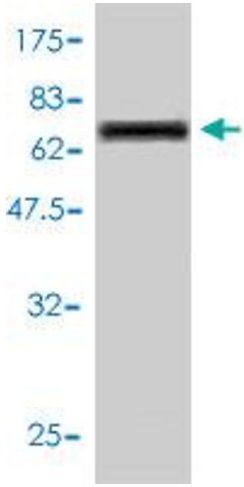


Western Blotting

Image 1. Western Blot analysis of CTSD expression in transfected 293T cell line by CTSD monoclonal antibody (M01), clone 3F12-1B9.

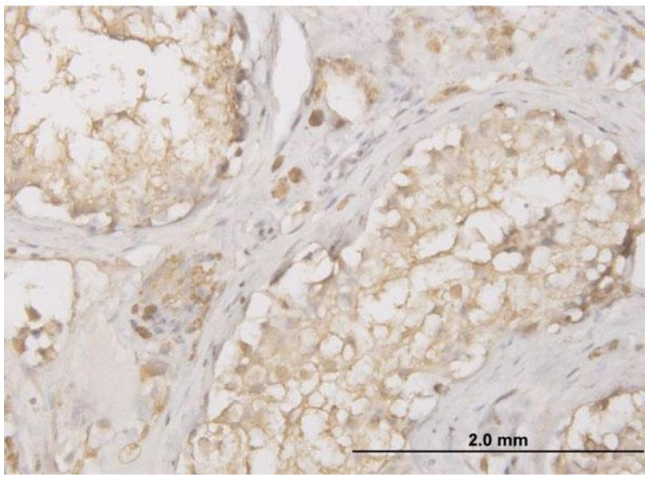
Lane 1: CTSD transfected lysate (Predicted MW: 44.6 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. Western Blot detection against Immunogen (71.06 KDa) .



Immunostaining

Image 3. Immunoperoxidase of monoclonal antibody to CTSD on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

Please check the product details page for more images. Overall 5 images are available for ABIN560534.

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