

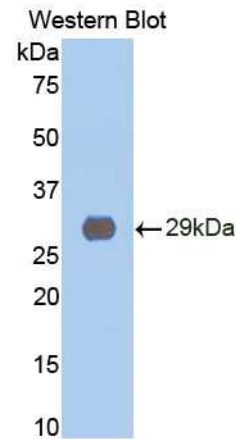
A91280Hu02
Polyclonal Antibody to Cathepsin D (CTSD)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

5th Edition (Revised in January, 2013)

[PRODUCT INFORMATION]

Immunogen: CTSD
Clonality: Polyclonal
Host: Rabbit
Species Reactivity: Human
Ig type: Rabbit IgG
Purification: Antibodies are purified by target protein affinity chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Form: Liquid
Size: 100µg



Sample: Recombinant human CTSD

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human CTSD (Leu169~Glu408) expressed in *E.coli*.
Molecular Weight: 27.7kDa
USCN accession No.: P91280Hu02
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.
 MGHHHHHSGSEF-LG GVKVERQVFG EATKQPGITF IAAKFDGILG MAYPRISVNN
 VLPVFDNLMQ QKLVDQNIFS FYLSRDPDAQ PGGELMLGGT DSKYYKGSLS YLNVTRKAYW
 QVHLDQVEVA SGLTLCKEGC EAIVDTGTSL MVGPPVDEVRE LQKAIGAVPL IQGEYMIPCE
 KVSTLPAILL KLGKGYKLS PEDYTLKVSQ AGKTLCLSGF MGMDIPPPSG PLWILGDVFI

Unique product Superb quality Client favorite Nicest service  ISO9001:2008;  ISO13485:2003; 

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GRYYTVFDRD NNRVGF AE

[**ANTIBODY SPECIFICITY**]

Anti CTSD is a rabbit polyclonal antibody raised against human CTSD. This antibody has been selected for its ability to recognize human CTSD in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[**APPLICATIONS**]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Optimal working dilutions must be determined by end user.

[**CONTENTS**]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 50% glycerol.

[**QUALITY CONTROL**]

Content: The quality control contains recombinant human CTSD (Leu169~Glu408) disposed in loading buffer.

Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.

5uL per well when used in enhanced chemiluminescent (ECL).

Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.

Loading buffer: 100mM Tris(PH 8.8), 2%SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, Na₃N 0.02%.

[**STORAGE**]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

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