

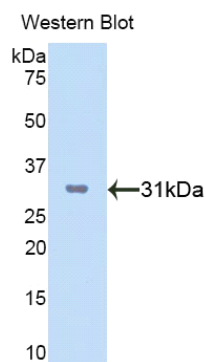
A90267Hu21
Monoclonal Antibody to Cathepsin K (CTSK)
Organism: Homo sapiens (Human)
Instruction manual

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

6th Edition (Revised in March, 2013)

[**PRODUCT INFORMATION**]

Immunogen: CTSK, Human
Clonality: Monoclonal
Host: Mouse
Immunoglobulin Type: IgG
Purification: Affinity Chromatography.
Applications: WB, ICC, IHC-P, IHC-F
Concentration: 500µg/mL
UOM: 100µg



Sample: Recombinant CTSK, Human

[**IMMUNOGEN INFORMATION**]

Immunogen: Recombinant CTSK (Leu54~Ala317) expressed in *E.coli*.
USCN Accession No.: P90267Hu01
Sequence: The target protein is fused with N-terminal His-Tag and its sequence is listed below.

MGHHHHHHHSG SEF- LKYISIH NLEASLGVHT YELAMNHLGD MTSEEVVQKM
 TGLKVPLSHS RSNDTLYIPE WEGRAPDSVD YRKKG YVTPV KNQGQCGSCW
 AFSSVGALEG QLKKKTGKLL NLSPQNLVDC VSENDGCGGG YMTNAFYVQ
 KNRGIDSEDA YPYVGQEESC MYNPTGKAAK CRGYREIPEG NEKALKRAVA RVGPVSV
 AID ASLTSFQFYS KGVYYDESCN SDNLNHAVLA VGYGIQKGNK HWIINKSWGE
 NWGNKGYILM ARNKNNA

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

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[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against CTSK. It has been selected for its ability to recognize CTSK in immunohistochemical staining and western blotting.

[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, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[QUALITY CONTROL]

Content: The quality control contains recombinant CTSK (Leu54~Ala317) 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(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol, BPB 0.01%, NaN₃ 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.