



Anti Cathepsin K [Clone : 182-12G5]

Product type	Monoclonal antibody
Immunogen	Oligopeptide of SEDAYPYVGQEESC (residue 182 to 195)* on cathepsin K from human osteoarthritic hip bone. * numbered from propeptide.
Host	Mouse
Clone number	182-12G5
Isotype	IgG1/k
Purification	Purified
Buffer	100 µg purified antibody lyophilized from 0.1 M Na-Phosphate buffer, pH7.0 with 1 mg of protease-free BSA. We recommend resuspending the lyophilized antibody with 0.2 mL distilled water.
Volume	100 µg
Label	Unlabeled
Specificity	Human Cathepsin K.
Reactivity	Human. Other species are not tested.
Storage	Store F-95 at 4 centigrade until reconstituted, then store in aliquots at -20 centigrade or at 4 centigrade with 0.05% azide. Freezing of aliquots is best for long term storage of reconstituted product; repetitive freezing and thawing should be avoided.

Application notes

Recommended dilutions
• Western Blotting : 2.0 µg/mL

Other applications have not been tested.

Optimal dilutions/concentrations should be determined by the end user.

References

- 1) Liao, J. C. R. et al., Biochem. Biophys. Res. Commun., 124, 909-916, 1984.
- 2) Tezuka, K. et al., Biochem. Biophys. Res. Commun., 86, 911-917, 1992.
- 3) Tezuka, K. et al., J. Biol. Chem., 269, 1106-1109, 1994.
- 4) Inaoka, T. et al., Biochem. Biophys. Res. Commun., 206, 89-96, 1995.
- 5) Gelb, B. D. et al., Science, 273, 1236-1238, 1996.



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