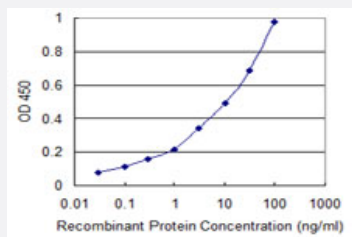


ATP6V0D2 monoclonal antibody (M01), clone 7A4

Catalog # H00245972-M01

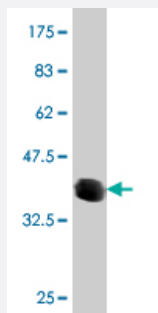
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATP6V0D2 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (33.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ATP6V0D2.
Immunogen	ATP6V0D2 (NP_689778, 238 a.a. ~ 306 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ETLYPTFGKLYPEGLRLLAQAEDFDQMKNVADHYGVYKPLFEAVGGSGGKTLEDVFYEREVQMN VLAFN
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (93); Rat (92)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (33.33 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ATP6V0D2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ATP6V0D2

Entrez GeneID	245972
GeneBank Accession#	NM_152565
Protein Accession#	NP_689778
Gene Name	ATP6V0D2
Gene Alias	ATP6D2, FLJ38708, VMA6
Gene Description	ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit d2
Gene Ontology	Hyperlink
Gene Summary	ATPase
Other Designations	ATPase, H ⁺ transporting, lysosomal 38kD, V0 subunit d ATPase, H ⁺ transporting, lysosomal 38kDa, V0 subunit D2

Publication Reference

- [Bovine parathyroid hormone enhances osteoclast bone resorption by modulating V-ATPase through PTH1R.](#)

Liu S, Zhu W, Li S, Ma J, Zhang H, Li Z, Zhang L, Zhang B, Li Z, Liang X, Shi W.

International Journal Of Molecular Medicine 2016 Feb; 37(2):284.

Application: WB-Ce, Mouse, Osteoclast(monocyte-macrophage)

- [Increased IL-6 expression in osteoclasts is necessary but not sufficient for the development of Paget's disease of bone.](#)

Teramachi J, Zhou H, Subler MA, Kitagawa Y, Galson DL, Dempster DW, Windle JJ, Kurihara N, Roodman GD.

Journal of Bone and Mineral Research 2014 Jun; 29(6):1456.

Application: WB-Ce, Mouse, Osteoclasts

Pathway

- [Epithelial cell signaling in Helicobacter pylori infection](#)
- [Lysosome](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)
- [Vibrio cholerae infection](#)