Fibroblast growth factor 23 Antibody

Mouse Monoclonal Antibody [Clone FGF23/4578]

Catalog No	Format	Size
8074-MSM18-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
8074-MSM18-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
8074-MSM18-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	FGF23/4578
Immunogen	Recombinant fragment (around aa 25-251) of human FGF23 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2 / Kappa
Mol. Weight of Antigen	27.95kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Expressed in osteogenic cells particularly during phases of active bone remodeling

**Optimal dilution for a specific application should be determined.*

Product Images for Fibroblast growth factor 23 Antibody

Specificity & Comments

Regulator of phosphate homeostasis (PubMed:11062477). Inhibits renal tubular phosphate transport by reducing SLC34A1 levels (PubMed:11409890). Up-regulates EGR1 expression in the presence of KL (By similarity). Acts directly on the parathyroid to decrease PTH secretion (By similarity). Regulator of vitamin-D metabolism (PubMed:15040831). Negatively regulates osteoblast differentiation and matrix mineralization (PubMed:18282132).

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.