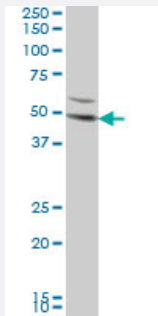


DKK1 monoclonal antibody (M08), clone 2B12

Catalog # H00022943-M08

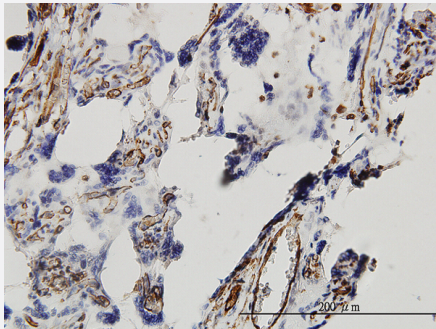
Size 100 ug

Applications



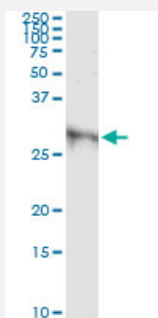
Western Blot (Cell lysate)

DKK1 monoclonal antibody (M08), clone 2B12 Western Blot analysis of DKK1 expression in HeLa (Cat # L013V1).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DKK1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]



Immunoprecipitation

Immunoprecipitation of DKK1 transfected lysate using anti-DKK1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with DKK1 MaxPab rabbit polyclonal antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant DKK1.

Immunogen	DKK1 (AAH01539.1, 1 a.a. ~ 266 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMALGAAGATRVSVAMVAAALGGHPLLGVSATLNSVLNSNAIKNLPPPLGGAAGHPGSAVSAAP GILYPGGNKYQTIDNYQPYPCAEDEECGTDEYCASPTRGGDAGVQICLACRKRRCMRHAMCC PGNYCKNGICVSSDQNHFRGEIETITESFGNDHSTLDGYSRRTLSSKMYHTTGQEGSVCLRSSD CASGLCCARHFWSKICKPVLKGGQVCTKHRRKGSHGLEIFQRCYCGEGLSCRIQKDDHHQASNSS RLHTCQRH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
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 (Cell lysate)

DKK1 monoclonal antibody (M08), clone 2B12 Western Blot analysis of DKK1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to DKK1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of DKK1 transfected lysate using anti-DKK1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with DKK1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — DKK1

Entrez GeneID [22943](#)

GeneBank Accession# [BC001539](#)

Protein Accession# [AAH01539.1](#)

Gene Name DKK1

Gene Alias DKK-1, SK

Gene Description dickkopf homolog 1 (Xenopus laevis)

Omim ID [605189](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with the presence of osteolytic bone lesions in patients with multiple myeloma. [provided by RefSeq]

Other Designations OTTHUMP00000019617|dickkopf homolog 1|dickkopf related protein-1|dickkopf-1 like

Publication Reference

- [High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment.](#)

Brunetti G, Faienza MF, Piacente L, Ventura A, Oranger A, Carbone C, Benedetto AD, Colaianni G, Gigante M, Mori G, Gesualdo L, Colucci S, Cavallo L, Grano M.

American Journal of Physiology - Endocrinology and Metabolism 2013 Mar; 304(5):E546.

Application: FlowCyt, Human, Serum

Pathway

- [Wnt signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Hip Fractures](#)
- [Kidney Failure](#)
- [Liver Diseases](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Spinal Fractures](#)