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DKK1 Antibody (monoclonal) (M08)

Mouse monoclonal antibody raised against a full length recombinant DKK1.
Catalog # AT1768a

Product Information

Application	WB, IHC, IP
Primary Accession	O94907
Other Accession	BC001539
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2B12
Calculated MW	28672

Additional Information

Gene ID	22943
Other Names	Dickkopf-related protein 1, Dickkopf-1, Dkk-1, hDkk-1, SK, DKK1
Target/Specificity	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.
Dilution	WB~~1:500~1000 IHC~~1:100~500 IP~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DKK1 Antibody (monoclonal) (M08) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

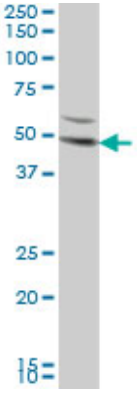
This gene encodes a protein that is a member of the dickkopf family. It is a secreted protein with two cysteine rich regions and is involved in embryonic development through its inhibition of the WNT signaling pathway. Elevated levels of DKK1 in bone marrow plasma and peripheral blood is associated with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

References

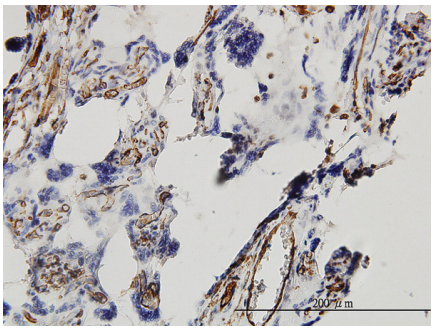
1.High dickkopf-1 levels in sera and leukocytes from children with 21-hydroxylase deficiency on chronic glucocorticoid treatment.Brunetti G, Faienza MF, Piacente L, Ventura A, Oranger A, Carbone C, Benedetto AD, Colaianni G, Gigante M, Mori G, Gesualdo L, Colucci S, Cavallo L, Grano MAm J Physiol Endocrinol Metab.

2013 Mar;304(5):E546-54. doi: 10.1152/ajpendo.00535.2012. Epub 2013 Jan 8.

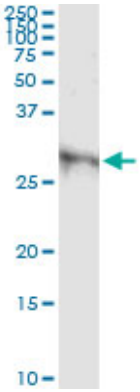
Images



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



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



Immunoprecipitation of DKK1 transfected lysate using anti-DKK1 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with DKK1 MaxPab rabbit polyclonal antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.