DKK1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	DKK1, Monoclonal Antibody
Full Product Name	DKK1 (Dickkopf Homolog 1 (Xenopus laevis), DKK-1, SK) (MaxLight 750)
Product Gene Name	anti-DKK1 antibody
Product Synonym Names	Dickkopf Homolog 1 (Xenopus laevis); DKK-1; SK
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1A3
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes DKK1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	DKK1 (AAH01539.1, 1aa-266aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	MaxLight750
Product Categories/Family for anti-DKK1 antibody	Antibodies; Dickkopf Proteins
Applications Tested/Suitable for anti-DKK1 antibody	Western Blot (WB)
Application Notes for anti-DKK1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-DKK1 antibody	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 Notes	Small volumes of anti-DKK1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DKK1 purchase	MBS6237909 is an antibody targeting DKK1. Also known as DKK1 (Dickkopf Homolog 1 (Xenopus laevis), DKK-1, SK) (MaxLight 750). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DKK1. It may not necessarily be applicable to this product.

NCBI GI #	16306720
NCBI GeneID	22943

NCBI Accession #	AAH01539.1
UniProt Related Accession #	O94907
NCBI Official Full Name	Dickkopf homolog 1 (Xenopus laevis)
NCBI Official Synonym Full Names	dickkopf WNT signaling pathway inhibitor 1
NCBI Official Symbol	DKK1
NCBI Official Synonym Symbols	SK; DKK-1
Protein Family	Dickkopf-related protein
NCBI Protein Information	dickkopf-related protein 1
NCBI Summary for DKK1	This gene encodes a member of the dickkopf family of proteins. Members of this family are secreted proteins characterized by two cysteine-rich domains that mediate protein-protein interactions. The encoded protein binds to the LRP6 co-receptor and inhibits beta-catenin-dependent Wnt signaling. This gene plays a role in embryonic development and may be important in bone formation in adults. Elevated expression of this gene has been observed in numerous human cancers and this protein may promote proliferation, invasion and growth in cancer cell lines. [provided by RefSeq, Sep 2017]
Research Articles on DKK1	**1.** The role of DKK1 in Alzheimer's disease (AD) is one of the research hot topics. This article reviewed the research progress of its role in AD in [review]
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