TAOK3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TAOK3, Monoclonal Antibody
Full Product Name	TAOK3 (TAO Kinase 3, DKFZp666H245, DPK, FLJ31808, JIK, MAP3K18) (MaxLight 750)
Product Gene Name	anti-TAOK3 antibody
Product Synonym Names	TAO Kinase 3; DKFZp666H245; DPK; FLJ31808; JIK; MAP3K18
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4A2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified
Specificity	Recognizes TAOK3.
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	TAOK3 (AAH02756, 567aa-667aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MNEDHSTPKKEKQERISKHKENLQHTQAEEEAHLLTQQRLYYDKNCRFFKRKIMIKRHEVEQQNIREELNKKRTQKEMEHAMLIRHDESTRELEYRQLHT
Conjugate	MaxLight750
Product Categories/Family for anti-TAOK3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-TAOK3 antibody	FLISA, Western Blot (WB)
Application Notes for anti-TAOK3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TAOK3 antibody	MBS6240882 is an antibody targeting TAOK3. Also known as TAOK3 (TAO Kinase 3, DKFZp666H245, DPK, FLJ31808, JIK, MAP3K18) (MaxLight 750). Host: Mouse. Mouse monoclonal antibody raised against a partial recombinant TAOK3.
Other Notes	Small volumes of anti-TAOK3 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TAOK3. It may not necessarily be applicable to this product.

NCBI GI #	12803831
NCBI GeneID	51347
NCBI Accession #	AAH02756
UniProt Related Accession #	Q9H2K8
NCBI Official Full Name	TAO kinase 3
NCBI Official Synonym Full Names	TAO kinase 3
NCBI Official Symbol	TAOK3
NCBI Official Synonym Symbols	DPK; JIK; hKFC-A; MAP3K18
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase TAO3
NCBI Summary for TAOK3	The protein encoded by this gene is a serine/threonine protein kinase that activates the p38/MAPK14 stress-activated MAPK cascade but inhibits the basal activity of the MAPK8/JNK cascade. The encoded protein is a member of the GCK subfamily of STE20-like kinases. [provided by RefSeq, Oct 2016]
Research Articles on TAOK3	**1.** TAOK3 SNPs (rs1277441 and rs795484) were associated with opioid doses in advanced cancer patients receiving palliative care. The proportions of variant homozygotes (8.2% of patients) and their requirement for higher doses of opioids would appear potentially clinically important and should be validated in further studies.
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