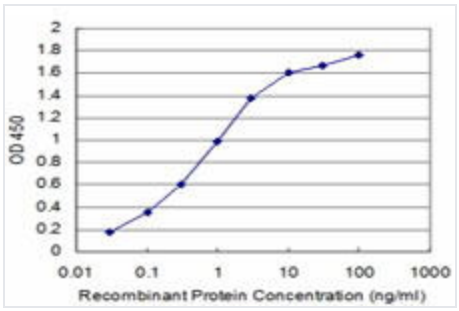
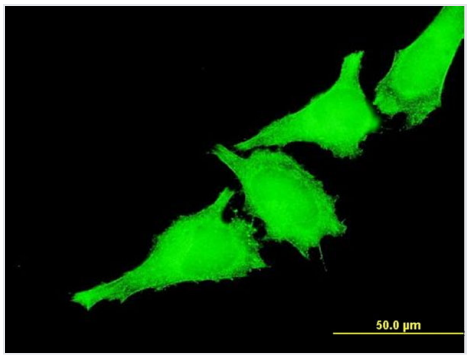
TAOK3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

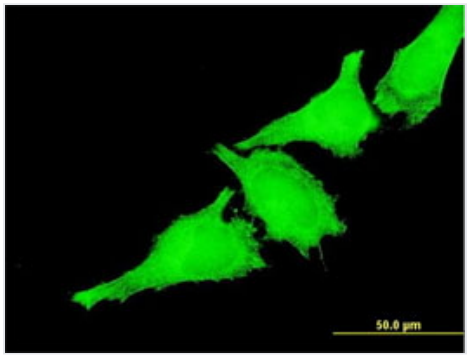
Product Name	TAOK3, Monoclonal Antibody
Full Product Name	TAOK3 (TAO Kinase 3, DKFZp666H245, DPK, FLJ31808, JIK, MAP3K18) (PE)
Product Gene Name	anti-TAOK3 antibody
Product Synonym Names	TAO Kinase 3; DKFZp666H245; DPK; FLJ31808; JIK; MAP3K18
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2B8
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
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: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	105,406 Da
Immunogen	TAOK3 (NP_057365.2, 809aa-898aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	LNAYQSKIKMQTEAQHERELQKLEQRVSLRRAHLEQKIEEELAALQKERSERIKNLLERQEREIETFDMESLRMGFGNLVTLDFPKEDYR
Conjugate	PE
Product Categories/Family for anti-TAOK3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-TAOK3 antibody	Immunofluorescence (IF), Western Blot (WB)
Application Notes for anti-TAOK3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TAOK3 antibody	MBS6185036 is an antibody targeting TAOK3. Also known as TAOK3 (TAO Kinase 3, DKFZp666H245, DPK, FLJ31808, JIK, MAP3K18) (PE). 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.



Testing Data of anti-TAOK3 antibody
Detection limit for recombinant GST tagged TAOK3 is approximately 0.1ng/ml as a capture antibody.



Immunofluorescence (IF) of anti-TAOK3 antibody
Immunofluorescence of monoclonal antibody to TAOK3 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-TAOK3 antibody
Immunofluorescence of monoclonal antibody to TAOK3 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

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

NCBI GI #	19923464
NCBI GeneID	51347
NCBI Accession #	NP_057365.2
UniProt Secondary Accession #	Q658N1; Q8IUM4; Q9HC79; Q9NZM9; Q9UHG7
UniProt Related Accession #	Q9H2K8
GenBank Nucleotide #	NM_016281.2
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; MAP3K18
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase TAO3
Research Articles on TAOK3	**1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator)
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