TRIB3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TRIB3, Monoclonal Antibody
Full Product Name	TRIB3 (Tribbles Homolog 3 (Drosophila), C20orf97, NIPK, SINK, SKIP3, TRB3) (AP)
Product Gene Name	anti-TRIB3 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2G5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes human TRIB3.
Preparation and Storage	Store product at 4 degree C. 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. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Recombinant protein corresponding to aa56-145 from human TRIB3 with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	PDRATAVATASRLGPYVLLEPEEGGRAYRALHCPTGTEYTCKVYPVQEALAVLEPYARLPPHKHVARPTEVLAGTQLLYAFFTRTHGDMH
Conjugate	AP
Product Categories/Family for anti-TRIB3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-TRIB3 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-TRIB3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TRIB3 antibody	The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1.
Other Notes	Small volumes of anti-TRIB3 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 TRIB3 purchase	MBS6134977 is an antibody targeting TRIB3. Also known as TRIB3 (Tribbles Homolog 3 (Drosophila), C20orf97, NIPK, SINK, SKIP3, TRB3) (AP). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIB3. It may not necessarily be applicable to this product.

NCBI GI #	20071611
NCBI GeneID	57761
NCBI Accession #	AAH27484
UniProt Related Accession #	Q96RU7
NCBI Official Full Name	Tribbles homolog 3 (Drosophila)
NCBI Official Synonym Full Names	tribbles pseudokinase 3
NCBI Official Symbol	TRIB3
NCBI Official Synonym Symbols	NIPK; SINK; TRB3; SKIP3; C20orf97
Protein Family	Tribbles
NCBI Protein Information	tribbles homolog 3
NCBI Summary for TRIB3	The protein encoded by this gene is a putative protein kinase that is induced by the transcription factor NF-kappaB. The encoded protein is a negative regulator of NF-kappaB and can also sensitize cells to TNF- and TRAIL-induced apoptosis. In addition, this protein can negatively regulate the cell survival serine-threonine kinase AKT1. Differential promoter usage and alternate splicing result in multiple transcript variants. [provided by RefSeq, Jul 2014]
Research Articles on TRIB3	**1.** Expression of TRIB3 positively associates with breast cancer stemness and progression. Elevated TRIB3 expression supports breast cancer stem cells by interacting with AKT to interfere with the FOXO1-AKT interaction and suppress FOXO1 degradation. The accumulated FOXO1 promotes transcriptional expression of SOX2 which in turn activates FOXO1 transcription and forms a positive regulatory loop.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/trib3/6134977