Mouse TESK2 Monoclonal Antibody | anti-TESK2 antibody

TESK2 (Testis-Specific Kinase 2) (FITC)

CATALOG #	HOST	APPLICATIONS
AAA26315	**Mouse**	**Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

TESK2; Monoclonal Antibody; TESK2 (Testis-Specific Kinase 2) (FITC); Testis-Specific Kinase 2; anti-TESK2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5G1
Specificity	Recognizes TESK2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Sequence Length	542
Applicable Applications for anti-TESK2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	TESK2 (AAH33085, 405aa-542aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	GPGTMPLADWQEPLAPPIRRWCSLPGSPEFLHQEACPFVGREESLSDGPPPRLSSLKYRVKEIPPFRASALPAAQAHEAMDCSILQEENGFGSRPQGTS
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TESK2 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to TESK2 on HeLa cell. [antibody concentration 10 ug/ml]

Application Data
Detection limit for recombinant GST tagged TESK2 is approximately 0.1ng/ml as a capture antibody.

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TESK2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 0.7 ug/ml]

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Immunoperoxidase of monoclonal antibody to TESK2 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 0.7 ug/ml]

WB (Western Blot)
Western Blot analysis of TESK2 expression in transfected 293T cell line by TESK2 monoclonal antibody (M08), clone 5G1.Lane 1: TESK2 transfected lysate (60.3 KDa).Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-TESK2 antibody	This gene product is a serine/threonine protein kinase that contains an N-terminal protein kinase domain that is structurally similar to the kinase domains of testis-specific protein kinase-1 and the LIM motif-containing protein kinases (LIMKs). Its overall structure is most related to the former, indicating that it belongs to the TESK subgroup of the LIMK/TESK family of protein kinases. This gene is predominantly expressed in testis and prostate. The developmental expression pattern of the rat gene in testis suggests an important role for this gene in meitoic stages and/or early stages of spermiogenesis. [provided by RefSeq]
Product Categories/Family for anti-TESK2 antibody	Antibodies; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	21620011
NCBI GeneID	10420
NCBI Official Full Name	TESK2 protein
NCBI Official Synonym Full Names	testis associated actin remodelling kinase 2
NCBI Official Symbol	TESK2
NCBI Protein Information	dual specificity testis-specific protein kinase 2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/tesk2-antibody-clone-5g1-immunofluorescence-immunohistochemistry-western-blot-elisa/26315