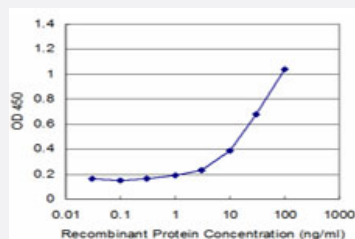


STK24 monoclonal antibody (M03), clone 4G5

Catalog # H00008428-M03

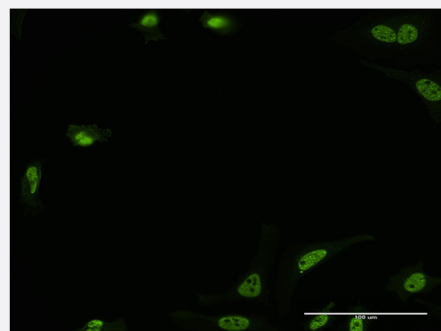
Size 100 ug

Applications



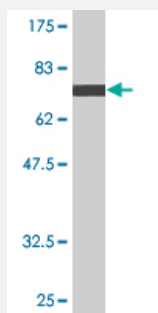
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK24 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to STK24 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (73.26 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant STK24.

Immunogen	STK24 (AAH35578, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAHSPVQSGPLPGMQNLKADPEELFTKLEKIGKGSFGEVFKGIDNRTQKVVAIKIIDLEEADEDEIEDI QQEITVLSQCDSPIYTKYYGSYLDTKLWIIMEYLGSGSALDLLEPGPLDETQIATILREILKGLDYH SEKKIHRDIKAANVLLSEHGEVKLADFGVAGQLTDTQIKRNTFVGTPFWMAPEVIKQSAYDSKADI WSLGITAIELARGEPPHSELHPMKVLFIPKNNPPTLEGNSKPLKEFVEACLNKEPSFRPTAKELL KHKFILRNAKTSYLTELIDRYKRWKAEQSHDDSSSESDAETDGGASGGSDSGDWIFTIREKDP KNLENGALQPSDLDRNKMKDIPKRPFSQCLSTIISPLFAELKEKSQACGGNLGSIEELRGAYLAEE ACPGISDTMVAQLVQRLQRYSLSGGGTSSH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (73.26 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK24 is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to STK24 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — STK24

Entrez GeneID	8428
GeneBank Accession#	BC035578
Protein Accession#	AAH35578
Gene Name	STK24
Gene Alias	MST-3, MST3, MST3B, STE20, STK3
Gene Description	serine/threonine kinase 24 (STE20 homolog, yeast)
Omim ID	604984
Gene Ontology	Hyperlink
Gene Summary	The yeast 'Sterile 20' gene (STE20) functions upstream of the mitogen-activated protein kinase (MAPK) cascade. In mammals, protein kinases related to STE20 can be divided into 2 subfamilies based on their structure and regulation. Members of the PAK subfamily (see PAK3; MIM 300142) contain a C-terminal catalytic domain and an N-terminal regulatory domain that has a CDC42 (MIM 116952)-binding domain. In contrast, members of the GCK subfamily (see MAP4K2; MIM 603166), also called the Sps1 subfamily, have an N-terminal catalytic domain and a C-terminal regulatory domain without a CDC42-binding domain. STK24 belongs to the GCK subfamily of STE20-like kinases (Zhou et al., 2000 [PubMed 10644707]).[supplied by OMIM]
Other Designations	OTTHUMP00000018592 OTTHUMP00000018593 STE20-like kinase 3 serine/threonine kinase 24 sterile 20-like kinase 3

Disease

- [Bipolar Disorder](#)
- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)