

Mouse anti-Human, Rat GSK3B Monoclonal Antibody | anti-GSK3B antibody

anti-GSK3B antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA249538	Mouse	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

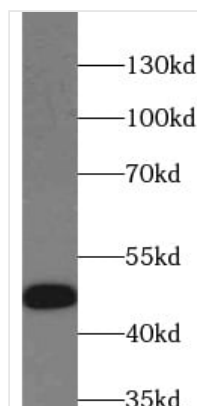
PRODUCT SYNONYMS

GSK3B; Monoclonal Antibody; anti-GSK3B antibody

PRODUCT SPECIFICATIONS

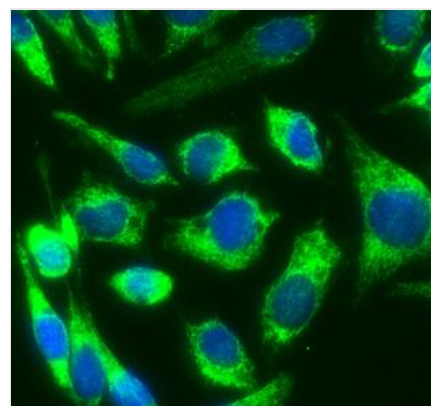
Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5F4
Purity/Purification	>=95% as determined by SDS-PAGE. Protein A+G purification
Form/Format	Liquid. PBS with 0.02% sodium azide and 50% glycerol pH7.3
Applicable Applications for anti-GSK3B antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	glycogen synthase kinase 3 beta
Preparation and Storage	Store at -20 degree C for 12 months. Avoid repeated freeze/thaw cycles.

IMAGES



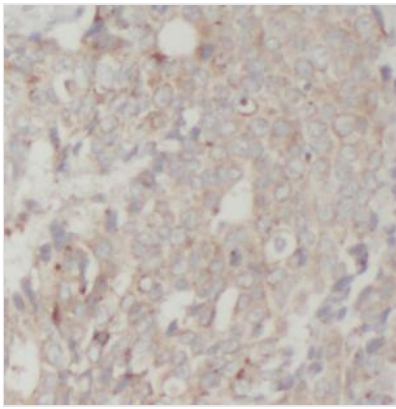
WB (Western Blot)

Hela cells were subjected to SDS PAGE followed by western blot with AAA249538(GSK3B antibody) at dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescent analysis of Hela cells using AAA249538(GSK3B antibody) at dilution of 1:50.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using AAA249538(GSK3B Antibody) at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3B antibody	The protein encoded by this gene is a serine-threonine kinase, belonging to the glycogen synthase kinase subfamily. It is involved in energy metabolism, neuronal cell development, and body pattern formation. Polymorphisms in this gene have been implicated in modifying risk of Parkinson disease, and studies in mice show that overexpression of this gene may be relevant to the pathogenesis of Alzheimer disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	225903437
NCBI GeneID	2932
NCBI Accession #	NP_001139628.1
NCBI GenBank Nucleotide #	NM_001146156.1
UniProt Accession #	P49841; Q9BWH3; Q9UL47; D3DN89
Molecular Weight	46,744 Da
NCBI Official Full Name	glycogen synthase kinase-3 beta isoform 2
NCBI Official Synonym Full Names	glycogen synthase kinase 3 beta
NCBI Official Symbol	GSK3B
NCBI Protein Information	glycogen synthase kinase-3 beta; GSK-3 beta; GSK3beta isoform; serine/threonine-protein kinase GSK3B
UniProt Protein Name	Glycogen synthase kinase-3 beta
UniProt Gene Name	GSK3B
UniProt Synonym Gene Names	GSK-3 beta
UniProt Entry Name	GSK3B_HUMAN

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.