

Mouse anti-Human, Mouse GSK3 beta Monoclonal Antibody | anti-GSK3beta antibody

GSK3 beta Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320326	Mouse	Human, Mouse	Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Western Blot

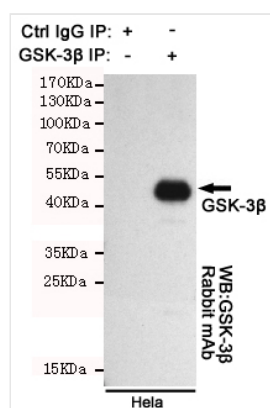
PRODUCT SYNONYMS

GSK3 beta; Monoclonal Antibody; GSK3 beta Mouse mAb; Glycogen Synthase Kinase 3 Beta; Glycogen synthase kinase-3 beta; GSK 3 beta; GSK-3 beta; GSK3B; GSK3B_HUMAN; GSK3beta isoform; Serine/threonine-protein kinase GSK3B.; anti-GSK3beta antibody

PRODUCT SPECIFICATIONS

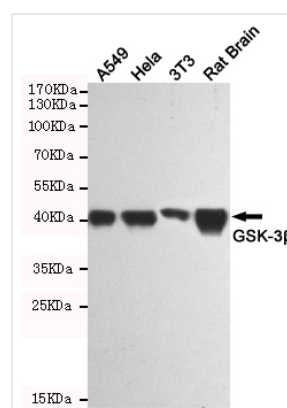
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of GSK-3beta and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GSK3beta antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant GSK-3beta protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



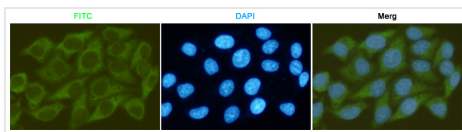
ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with -20° Methanol and using GSK-3? mouse mAb (dilution 1:200).



WB (Western Blot)

Western blot analysis of extracts from A549. HeLa. 3T3 and Rat Brain cell lysates using GSK-3? mouse mAb(1:1000 diluted). Predicted band size:46kDa.Observed band size:46kDa.



IP (Immunoprecipitation)

Immunoprecipitation analysis of HeLa cell lysates using GSK-3 β Rabbit mAb was used for the western blot analysis (1:1000 diluted).

ADDITIONAL INFORMATION

Related Product Information for anti-GSK3 β 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.[provided by RefSeq, Sep 2009]
Product Categories/Family for anti-GSK3 β antibody	Primary Antibodies

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.

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 Online datasheet: <https://stage.aaabiotech.com/monoclonal/gsk3-beta-antibody-immunoprecipitation-immunocytochemistry-immunofluorescence-western-blot-elisa/320326>