

bsm-33294M**[Primary Antibody]****GSK-3 Beta Mouse mAb****BioSS**
ANTIBODIES

www.bioss.com.cn

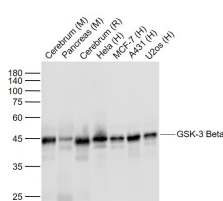
sales@bioss.com.cn

techsupport@bioss.com.cn

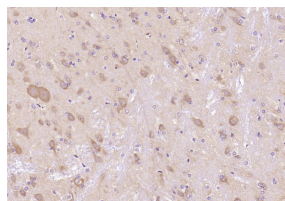
400-901-9800

— DATASHEET —

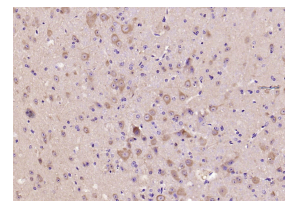
Host: Mouse Clonality: Monoclonal GeneID: 2932 Target: GSK-3 Beta Immunogen: KLH conjugated synthetic peptide derived from human GSK-3 Beta : 1-100/420. Purification: affinity purified by Protein G Concentration: 1mg/ml Storage: Size : 50ul/100ul/200ul 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Size : 200ug (PBS only) 0.01M PBS Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: 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]	Isotype: IgG CloneNo.: 4C6 SWISS: P49841	Applications: WB (1:500-1000) IHC-P (1:200-500) IHC-F (1:200-500) IF (1:200-500) Reactivity: Human, Mouse, Rat Predicted MW.: 47 kDa Subcellular Location: Cell membrane ,Cytoplasm ,Nucleus
--	---	--

— VALIDATION IMAGES —

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Pancreas (Mouse) Lysate at 40 ug
Lane 3: Cerebrum (Rat) Lysate at 40 ug
Lane 4: HELA (Human) Cell Lysate at 30 ug
Lane 5: MCF-7 (Human) Cell Lysate at 30 ug
Lane 6: A431 (Human) Cell Lysate at 30 ug
Lane 7: U2OS (Human) Cell Lysate at 30 ug
Primary: Anti-GSK-3 Beta (bsm-33294M) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 47 kD
Observed band size: 45 kD



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GSK-3 Beta) Monoclonal Antibody, Unconjugated (bsm-33294M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (GSK-3 Beta) Monoclonal Antibody, Unconjugated (bsm-33294M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=14.7]** Zhou Mengze. et al. P2Y14R activation facilitates liver regeneration via CREB/DNMT3b/Dact-2/?eta-Catenin signals in acute liver failure. *ACTA PHARM SIN B*. 2025 Jan; Western blot ;Mouse. 10.1016/j.apsb.2025.01.004