GSK3 BETA MOUSE MAB

: N261206

: GSK3 beta

GSK3B; Glycogen synthase kinase-3 beta; GSK-3 beta; Serine/threonine-protein kinase GSK3B

UNIPROT ID: P49841

: Glycogen synthase kinase-3 (GSK3) is a proline-directed serine-threonine kinase that was initially identified as a phosphorylating and inactivating glycogen synthase .GSK3B is involved in energy metabolism, neuronal cell development, and body pattern formation.In skeletal muscle, it contributes to insulin regulation of glycogen synthesis by phosphorylating and inhibiting GYS1 activity and hence glycogen synthesis.

: Purified recombinant fragment of human GSK3B (AA: 2-159) expressed in E. Coli.

: WB,IHC-P,FC

: WB: 1/500-1/1000 IHC: 1/50-1/100 FC: 1/50-1/100

: Mouse

Mouse Monoclonal

: 7D8A6

: Calculated MW: 47 kDa; Observed MW: 47 kDa

: IgG1
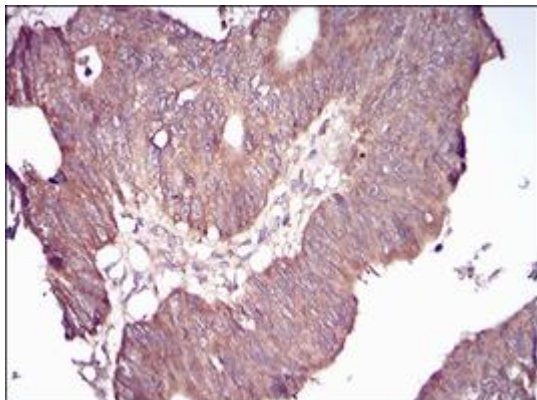
: Affinity Purified

: Human, Mouse and Rat

: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

: Neuroscience

: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin-embedded rectum cancer tissues using GSK3B antibody with DAB staining.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.
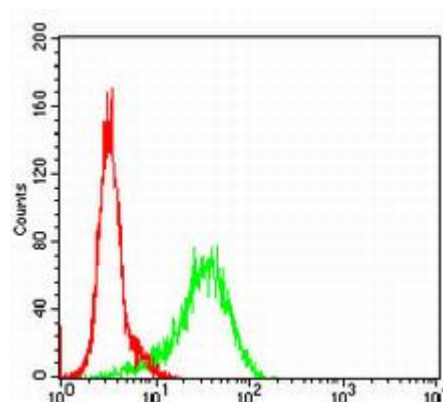
Flow Cytometry analysis of NIH/3T3 cells stained with GSK3B antibody (green) and negative control (red).
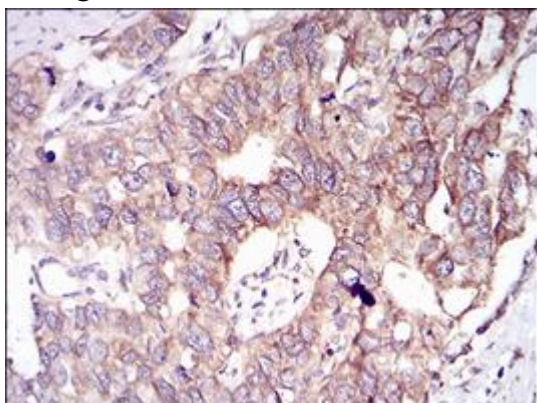
Immunohistochemistry analysis of paraffin-embedded esophageal cancer tissues using GSK3B antibody with DAB staining.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.
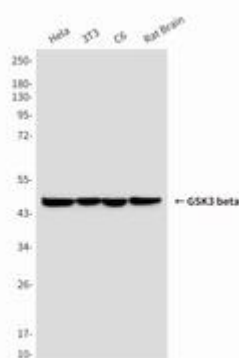
Western blot analysis of GSK3B antibody in Hela, 3T3, C6, rat Brain lysates using GSK3B antibody.