



## MONOCLONAL ANTI-GSK-3 / Shaggy Protein Kinase Family

**NB-01-0049**

**Volume:** 100 µl

**Format:**

Crude Ascites fluid

**Clones:** 7G-1F2

**Immunogen:** Phosphorylated synthetic peptide coupled to ovalbumine: (C)S2GRPRTSSFAE12 P

**Murine Isotype:** Ig G1, k

**Specificity:** The phosphorylated peptide used as an immunogen derives from the N-terminal of the shaggy polypeptide and is well conserved in comparable regions of the rat GSK-3-alpha and beta enzymes (position 8 is a T in GSK-3-beta, and position 5 is an A in GSK-3-alpha). Clone 7G-1F2 reacts with both the phosphorylated peptide and the non phosphorylated peptide and with the corresponding GSK-3/Shaggy proteins. The reactivity with this antibody is unchanged by insulin or EGF treatments of cells and can be used as a reference when detecting changes in phosphorylation on ser9 using clone 7G-2G5.

### **Applications:**

- ELISA
- Western blot
- Immunocytochemistry: under investigation
- Immunoprecipitation: not tested

**Recommended dilutions:** 1/500 - 1/5000

### **Storage:**

Store at -20°C (up to 3 years)

Avoid repeat freezing and thawing cycles. Does not contain any preservative