

Tag-100 tag Antibody

Catalogue No.: abx019172

Tag-100 tag Antibody is a Mouse Monoclonal antibody for the detection of Tag-100 tag, an epitope tag consisting of a 12-residue peptide, EETARFQPGYRS, derived from the C-terminus of mammalian MAPK/ERK kinases.

Extracellular-Signal-Regulated Kinases (ERKs) or classical MAP kinases are widely expressed protein kinase intracellular signalling molecules that are involved in functions including the regulation of meiosis, mitosis, and postmitotic functions in differentiated cells. ERKs are known to activate many transcription factors, such as ELK1, and some downstream protein kinases. Disruption of the ERK pathway is common in cancers, especially Ras, c-Raf and receptors such as HER2.

Target: Tag-100 tag

Clonality: Monoclonal

Reactivity: General

Tested Applications: WB

Host: Mouse

Recommended dilutions: WB: 1/1000 - 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: A synthetic peptide (EETARFQPGYRS) conjugated to KLH.

Isotype: IgG₁

Form: Liquid

Storage: Aliquot and store at -20°C for up to one year and at -80°C for long term. Avoid repeated freeze/thaw cycles.

Buffer: PBS, pH 7.4, 50% glycerol and 0.02% sodium azide.

Specificity: Recognizes C-terminal, internal and N-terminal Tag-100 tagged proteins.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.