14-3-3 σ Monoclonal Antibody

Catalog No	YP-mAb-03664
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	SFN
Protein Name	14-3-3 protein sigma
Immunogen	The antiserum was produced against synthesized peptide derived from human SFN. AA range:41-90
Specificity	14-3-3 σ Monoclonal Antibody detects endogenous levels of 14-3-3 σ protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SFN; HME1; 14-3-3 protein sigma; Epithelial cell marker protein 1; Stratifin
Observed Band	30kD
Cell Pathway	Cytoplasm. Nucleus . Secreted. May be secreted by a non-classical secretory pathway.
Tissue Specificity	Present mainly in tissues enriched in stratified squamous keratinizing epithelium.
Function	function:Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway.,function:p53-regulated inhibitor of G2/M progression.,similarity:Belongs to the 14-3-3 family.,subcellular location:May be secreted by a non-classical secretory pathway.,subunit:Homodimer. Interacts with KRT17 (By similarity). Found in a complex with XPO7, EIF4A1, ARHGAP1, VPS26A, VPS29, VPS35 and SFN.,tissue specificity:Present mainly in tissues enriched in stratified squamous keratinising epithelium.,
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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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