

32-6027: Mouse Anti Human Serine/Threonine Kinase 16(Clone:PAT4A1ATe)

Clonality :	Monoclonal
Clone Name :	PAT4A1ATe
Application :	ELISA,WB
Gene :	STK16
Gene ID :	8576
Uniprot ID :	O75716
Format :	Purified
Alternative Name :	Serine/threonine-protein kinase 16,Myristoylated and palmitoylated serine/threonine-protein kinase,MPSK,Protein kinase PKL12, TGF-beta-stimulated factor 1,TSF-1,Tyrosine-protein kinase STK16,hPSK, STK16,MPSK1,PKL12,TSF1,KRCT.
Isotype :	Mouse IgG1 heavy chain and k light chain.
Immunogen Information :	Anti-human STK16 mAb, clone PAT4A1AT, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human STK16 protein 1-305 amino acids purified from E. coli.

Description

Serine/threonine-protein kinase 16 (STK16) is a membrane-associated protein kinase which phosphorylates on serine and threonine residues. STK16 is involved in secretory vesicle trafficking or intracellular signaling. Furthermore, the STK16 protein may have a role in regulating stromal-epithelial interactions which occur during ductal morphogenesis in the mammary gland. STK16 can autophosphorylate on Tyr residue; it is however unclear whether STK16 has tyrosine-protein kinase toward other proteins. STK16 may also be involved in TGF-beta signaling.

Product Info

Amount :	20 µg
Purification :	STK16 antibody was purified from mouse ascitic fluids by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.