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32-5960: Mouse Anti Human Casein Kinase 2 alpha (Clone:P3G1AT.)

Clonality :	Monoclonal
Clone Name :	P3G1AT.
Application :	ELISA,WB
Gene :	TP53
Gene ID :	7157
Uniprot ID :	P04637
Format :	Purified
Alternative Name :	Casein kinase II subunit alpha,EC 2.7.11.1,CK II,CK2A1,CKII alpha,CSNK2A1,PKCK2,CSK21.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human CSNK2A1 mAb is derived from hybridization of mouse SP2/0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CSNK2A1 amino acids 1-391 purified from E. coli.

Description

The Casein kinase 2 (EC 2.7.11.1) is a serine/threonine-selective protein kinase that is a tetramer of two alpha subunits and two beta subunits. The alpha subunits have the catalytic kinase domain. Casein kinase 2 has been implicated in cell cycle control, DNA repair, regulation of the circadian rhythm and other cellular processes. Casein kinase 2 activity has been reported to be activated following Wnt signaling pathway activation. A Pertussis toxin-sensitive G protein and Disheveled appear to be an intermediary between Wnt-mediated activation of the Frizzled receptor and activation of casein kinase 2. Mice that lack casein kinase 2 alpha prime have a defect in the morphology of developing sperm.

Product Info

Amount :	20 µg
Purification :	CSNK2A1 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% 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

CSNK2A1 antibody has been tested by ELISA and 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 dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.