



JIK Monoclonal Antibody

Catalog No	YP-mAb-14803
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TAOK3
Immunogen	The antiserum was produced against synthesized peptide derived from human TAOK3. AA range:531-580
Specificity	JIK Monoclonal Antibody detects endogenous levels of JIK 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	DKFZp666H245;DPK;FLJ31808;hKFC A;JIK;JNK/SAPK inhibitory kinase;Jun kinase inhibitory kinase;KDS;Kinase from chicken homolog A;MAP3K18;TAO kinase 3;TAOK3;Serine/threonine-protein kinase TAO3;Cutaneous T-cell lymphoma-associated antigen HD-CL-09;CTCL-associated antigen HD-CL-09;Dendritic cell-derived protein kinase;JNK/SAPK-inhibitory kinase;Jun kinase-inhi
Observed Band	110kD
Calculated Molecular Weight	110kD
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein . Also localized to the peripheral cell membrane.
Tissue Specificity	Ubiquitously expressed at a low level, and highly expressed in peripheral blood leukocytes (PBLs), thymus, spleen, kidney, skeletal muscle, heart and liver.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Inhibits the basal activity of Jun kinase. Negatively regulated by epidermal growth factor (EGF). When overexpressed, may activate ERK1/ERK2 and JNK/SAPK., PTM:Autophosphorylated. Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the protein kinase superfamily. STE Ser/Thr protein kinase family. STE20 subfamily.,similarity:Contains 1 protein kinase domain.,subcellular location:Also localized to the peripheral cell membrane.,



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Background

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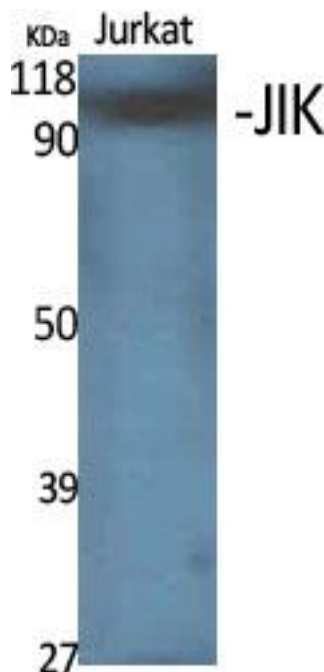
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using JIK Monoclonal Antibody