



SURF-1 Monoclonal Antibody

Catalog No	BYmab-02062
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SURF1
Protein Name	Surfeit locus protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human SURF1. AA range:171-220
Specificity	SURF-1 Monoclonal Antibody detects endogenous levels of SURF-1 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	SURF1; SURF-1; Surfeit locus protein 1
Observed Band	30kD
Cell Pathway	Mitochondrion inner membrane ; Multi-pass membrane protein .
Tissue Specificity	Colon,Kidney,Skin,Stomach,
Function	disease:Defects in SURF1 are a cause of Leigh syndrome (LS) [MIM:256000]. LS is a severe neurological disorder characterized by bilaterally symmetrical necrotic lesions in subcortical brain regions that is commonly associated with systemic cytochrome c oxidase (COX) deficiency.,function:Probably involved in the biogenesis of the COX complex.,similarity:Belongs to the SURF1 family.,
Background	This gene encodes a protein localized to the inner mitochondrial membrane and thought to be involved in the biogenesis of the cytochrome c oxidase complex. The protein is a member of the SURF1 family, which includes the related yeast protein SHY1 and rickettsial protein RP733. The gene is located in the surfeit gene cluster, a group of very tightly linked genes that do not share sequence

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similarity, where it shares a bidirectional promoter with SURF2 on the opposite strand. Defects in this gene are a cause of Leigh syndrome, a severe neurological disorder that is commonly associated with systemic cytochrome c oxidase deficiency. [provided by RefSeq, Jul 2008],

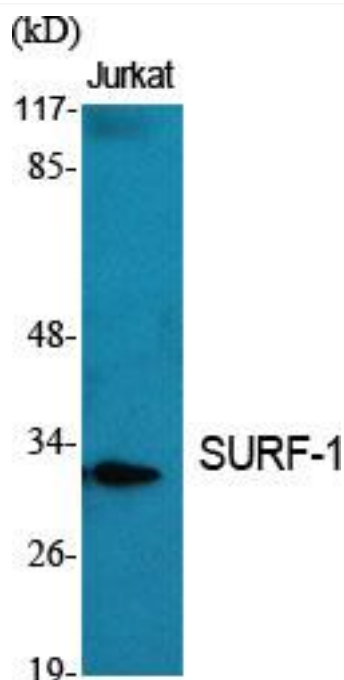
matters needing attention

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 SURF-1 Monoclonal Antibody