



GALK1 Monoclonal Antibody

Catalog No	BYmab-03888
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	GALK1
Protein Name	Galactokinase
Immunogen	The antiserum was produced against synthesized peptide derived from human GALK1. AA range:1-50
Specificity	GALK1 Monoclonal Antibody detects endogenous levels of GALK1 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	GALK1; GALK; Galactokinase; Galactose kinase
Observed Band	45kD
Cell Pathway	cytoplasm,cytosol,membrane,extracellular exosome,
Tissue Specificity	Blood,Brain,Fetal brain cortex,Lung,
Function	catalytic activity:ATP + D-galactose = ADP + alpha-D-galactose 1-phosphate.,disease:Defects in GALK1 are the cause of galactosemia II [MIM:230200]. It is an autosomal recessive deficiency characterized by congenital cataracts during infancy and presenile cataracts in the adult population. The cataracts are secondary to accumulation of galactitol in the lenses.,function:Major enzyme for galactose metabolism.,pathway:Carbohydrate metabolism; galactose metabolism.,similarity:Belongs to the GHMP kinase family.,similarity:Belongs to the GHMP kinase family. GalK subfamily.,
Background	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts during infancy and presenile cataracts in

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the adult population. [provided by RefSeq, Jul 2008],

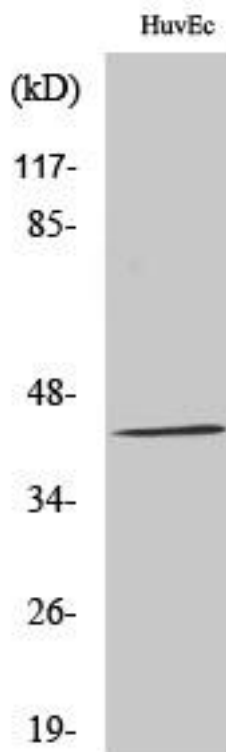
matters needing attention

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 GALK1 Monoclonal Antibody

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