



Mouse anti-Human GALK1 monoclonal antibody, clone 3F0 (CABT-B10302)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GALK1 (NP_000145, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3F0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	PCGIMDQFISLMQKQGHALLIDCRSLETSVPLSDPKLAVLITNSNVRHSLASSEYPVRR RQCEEVARALGKESLREVQLEELEAARDLVSKEGFRRAR*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Galactokinase is a major enzyme for the metabolism of galactose and its deficiency causes congenital cataracts during infancy and presenile cataracts in the adult population. [provided by
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Keywords	GALK1; galactokinase 1; GK1; GALK; HEL-S-19; galactokinase; galactose kinase; epididymis secretory protein Li 19;
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GENE INFORMATION

Entrez Gene ID	2584
UniProt ID	P51570
Pathway	Amino sugar and nucleotide sugar metabolism, organism-specific biosystem; Amino sugar and nucleotide sugar metabolism, conserved biosystem; Galactose catabolism, organism-specific biosystem; Galactose metabolism, organism-specific biosystem; Galactose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem
Function	ATP binding; galactokinase activity; galactokinase activity; galactose binding; kinase activity; nucleotide binding; transferase activity
