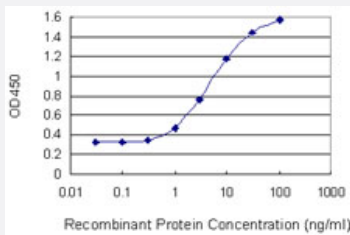


GALK1 monoclonal antibody (M01), clone 2E9

Catalog # H00002584-M01

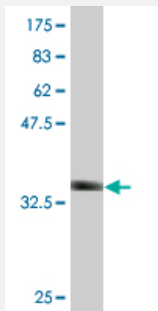
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GALK1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GALK1.
Immunogen	GALK1 (NP_000145, 181 a.a. ~ 279 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PCGIMDQFISLMGQKGHALLIDCRSLETSLVPLSDPKLAVLITNSNVRHSLASSEYPVRRRQCEEV ARALGKESLREVQLEEEAARDLVSKEGFRRAR
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (89); Rat (88)
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GALK1 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GALK1

Entrez GeneID	2584
GeneBank Accession#	NM_000154
Protein Accession#	NP_000145
Gene Name	GALK1
Gene Alias	GALK, GK1
Gene Description	galactokinase 1
Omim ID	230200 604313
Gene Ontology	Hyperlink

Gene Summary

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 RefSeq]

Other Designations

-

Pathway

- [Amino sugar and nucleotide sugar metabolism](#)
- [Galactose metabolism](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Cataract](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Galactosemias](#)
- [Genetic Predisposition to Disease](#)