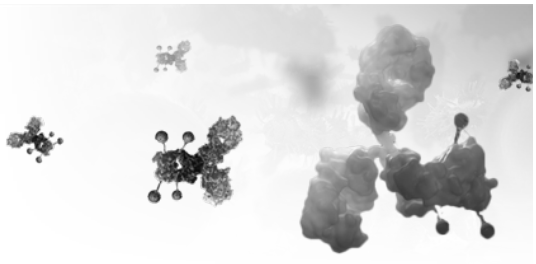

Mouse anti-Human GCHFR monoclonal antibody, clone 5H7 (CABT-B10311)

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

PRODUCT INFORMATION

Immunogen	GCHFR (NP_005249, 1 a.a. ~ 85 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	5H7
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	MPYLLISTQIRMEVGPTMVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRIVLDKL ERRGFRVLSMTGVGQTLVWCLHKE*
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	GTP cyclohydrolase I feedback regulatory protein binds to and mediates tetrahydrobiopterin inhibition of GTP cyclohydrolase I. The regulatory protein, GCHFR, consists of a homodimer. It

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	is postulated that GCHFR may play a role in regulating phenylalanine metabolism in the liver and in the production of biogenic amine neurotransmitters and nitric oxide. [provided by RefSeq, Jul 2008]
Keywords	GCHFR; GTP cyclohydrolase I feedback regulator; P35; GFRP; HsT16933; GTP cyclohydrolase 1 feedback regulatory protein; GTP cyclohydrolase I feedback regulatory protein;

GENE INFORMATION

Entrez Gene ID	2644
UniProt ID	P30047
Function	GTP cyclohydrolase I binding; GTP-dependent protein binding; amino acid binding; enzyme inhibitor activity; protein binding

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