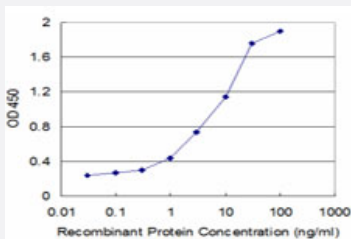


GCHFR monoclonal antibody (M01), clone 4G6

Catalog # H00002644-M01

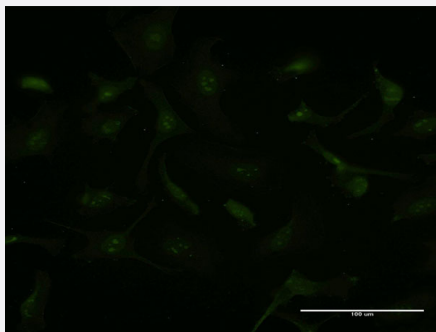
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GCHFR is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to GCHFR on HeLa cell .
[antibody concentration 20 ug/ml]

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GCHFR.
Immunogen	GCHFR (NP_005249.1, 1 a.a. ~ 84 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPYLLISTQIRMEVGPTMTVGDEQSDPELMQHLGASKRRALGNNFYEYYVDDPPRMLDKLERRGF RVLSMTGVGQTLVWCLHKE
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GCHFR is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to GCHFR on HeLa cell . [antibody concentration 20 ug/ml]

Gene Info — GCHFR

Entrez GeneID	2644
GeneBank Accession#	NM_005258
Protein Accession#	NP_005249.1
Gene Name	GCHFR
Gene Alias	GFRP, HsT16933, MGC138467, MGC138469, P35
Gene Description	GTP cyclohydrolase I feedback regulator
Omim ID	602437
Gene Ontology	Hyperlink
Gene Summary	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 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]
Other Designations	GTP cyclohydrolase I feedback regulatory protein

Disease

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)