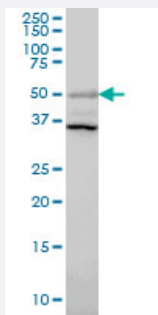


ERRFI1 monoclonal antibody (M01), clone 2B9

Catalog # H00054206-M01

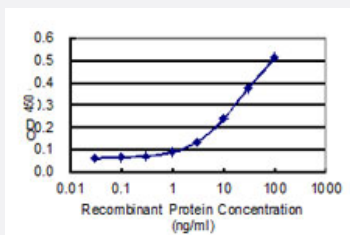
Size 100 ug

Applications



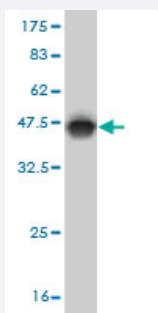
Western Blot (Cell lysate)

ERRFI1 monoclonal antibody (M01), clone 2B9 Western Blot analysis of ERRFI1 expression in HepG2 (Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ERRFI1 is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant ERRFI1.

Immunogen	ERRFI1 (NP_061821, 111 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VVCGFKKLTVNGVCASTPPLTPIKNSPSLFPCAPLCERGSRLPLPPISEALSLDDTDCEVEFLTS SDTDFLLEDSTLSDFKYDVPGRRSFRGCGQINYAYFDTPAVSAA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (82)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

ERRFI1 monoclonal antibody (M01), clone 2B9 Western Blot analysis of ERRFI1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ERRFI1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ERRFI1

Entrez GeneID [54206](#)

GeneBank Accession#	NM_018948
Protein Accession#	NP_061821
Gene Name	ERRFI1
Gene Alias	GENE-33, MIG-6, MIG6, RALT
Gene Description	ERBB receptor feedback inhibitor 1
Omim ID	608069
Gene Ontology	Hyperlink
Gene Summary	ERRFI1 is a cytoplasmic protein whose expression is upregulated with cell growth (Wick et al., 1995 [PubMed 7641805]). It shares significant homology with the protein product of rat gene-33, which is induced during cell stress and mediates cell signaling (Makkinje et al., 2000 [PubMed 10749885]; Fiorentino et al., 2000 [PubMed 11003669]).[supplied by OMIM]
Other Designations	OTTHUMP00000001359 mitogen-inducible gene 6 mitogen-inducible gene 6 protein receptor-associated late transducer

Publication Reference

- [MIG6 mediates adaptive and acquired resistance to ALK/ROS1 fusion kinase inhibition through EGFR bypass signaling.](#)

Nan Chen, Logan C Tyler, Anh T Le, Eric A Welsh, Bin Fang, Andrew Elliott, Kurtis D Davies, Thomas Danhorn, Gregory J Riely, Marc Ladanyi, Eric B Haura, Robert C Doebele.

Molecular Cancer Therapeutics 2023 Sep; [Epub].

Application: WB, Human, CUTO28, CUTO37, CUTO63 cells

- [Inhibition of KHSRP sensitizes colorectal cancer to 5-fluoruracil through miR-501-5p-mediated ERRFI1 mRNA degradation.](#)

Pan R, Cai W, Sun J, Yu C, Li P, Zheng M.

Journal of Cellular Physiology 2019 Jul; [Epub].

Application: IHC-P, Human, Human colorectal cancer tumor samples