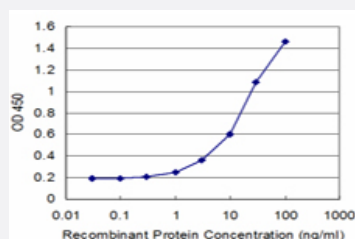


CRY2 monoclonal antibody (M03), clone 3H4

Catalog # H00001408-M03

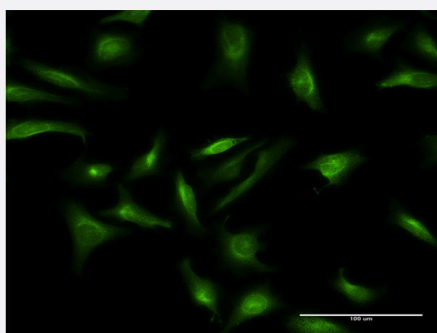
Size 100 ug

Applications



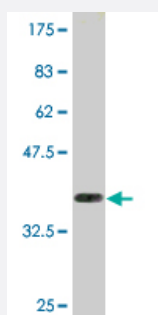
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CRY2 is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CRY2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (35.75 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CRY2.

Immunogen	CRY2 (NP_066940.1, 141 a.a. ~ 231 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VEVVTENSHITLYDLDRITELNGQKPPLTYKRFQAIISRMELPKPKPVGLVTSQQMESCRAEIQENHDE TYGVPSLEELGFPTEGLGPAVWQG
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.75 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 CRY2 is approximately 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CRY2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CRY2

Entrez GeneID	1408
GeneBank Accession#	NM_021117

Protein Accession#	NP_066940.1
Gene Name	CRY2
Gene Alias	FLJ10332, HCRY2, KIAA0658, PHLL2
Gene Description	cryptochrome 2 (photolyase-like)
Omim ID	603732
Gene Ontology	Hyperlink
Other Designations	growth-inhibiting protein 37

Pathway

- [Circadian rhythm - mammal](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Chronobiology Disorders](#)
- [Depressive Disorder](#)
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- [Lymphoma](#)
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