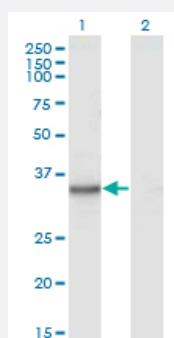


KYNU monoclonal antibody (M02), clone 1G2

Catalog # H00008942-M02

Size 100 ug

Applications

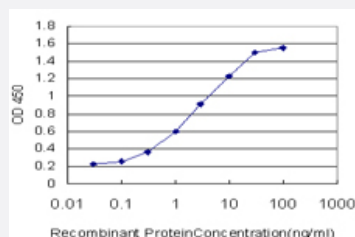


Western Blot (Transfected lysate)

Western Blot analysis of KYNU expression in transfected 293T cell line by KYNU monoclonal antibody (M02), clone 1G2.

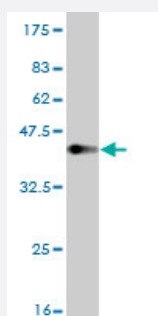
Lane 1: KYNU transfected lysate (Predicted MW: 34.6 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KYNU is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.51 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant KYNU.

Immunogen	KYNU (NP_003928, 2 a.a. ~ 108 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EPSSLELPADTVQRIAAELKCHPTDERVALHLDEEDKLRHFRFCFYIPKIQDLPPVDLSLVNKDEN AIYFLGNSLGLQPKMVKTYLEEELDKWAKIAAYGHEVGKRP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (86)
Isotype	IgG2a Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.51 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 (Transfected lysate)

Western Blot analysis of KYNU expression in transfected 293T cell line by KYNU monoclonal antibody (M02), clone 1G2.

Lane 1: KYNU transfected lysate (Predicted MW: 34.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KYNU is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KYNU

Entrez GeneID	8942
GeneBank Accession#	NM_003937
Protein Accession#	NP_003928
Gene Name	KYNU
Gene Alias	-
Gene Description	kynureninase (L-kynurenine hydrolase)
Omim ID	236800 605197
Gene Ontology	Hyperlink
Gene Summary	Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	L-kynurenine hydrolase

Pathway

- [Metabolic pathways](#)
- [Tryptophan metabolism](#)

Disease

- [Hypertension](#)
- [Tobacco Use Disorder](#)