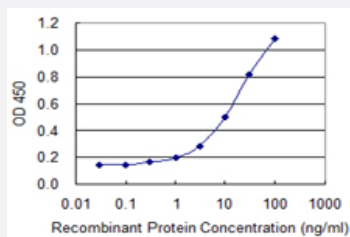


MT2A monoclonal antibody (M01), clone 6G2

Catalog # H00004502-M01

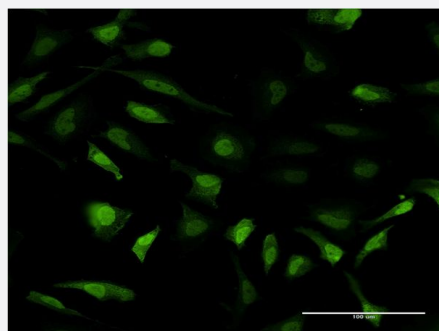
Size 100 ug

Applications



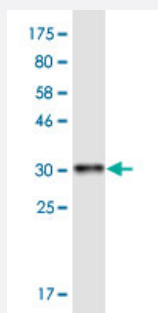
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MT2A is 0.3 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MT2A on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (32.4 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant MT2A.

Immunogen	MT2A (NP_005944.1, 1 a.a. ~ 61 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDPNCSAAGDSTCAGSCKCKECKCTSCCKKSCCSCPVGCAKCAQGCICKGASDKCSCCA
Host	Mouse
Reactivity	Human
Isotype	IgG2a Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.4 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 MT2A is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MT2A on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — MT2A

Entrez GeneID	4502
GeneBank Accession#	NM_005953.2
Protein Accession#	NP_005944.1
Gene Name	MT2A

Gene Alias	MT2
Gene Description	metallothionein 2A
Omim ID	156360
Gene Ontology	Hyperlink
Other Designations	-

Publication Reference

- [Macrophages in T cell/histiocyte rich large B cell lymphoma strongly express metal-binding proteins and show a bi-activated phenotype.](#)

Hartmann S, Tousseyn T, Doring C, Fluchter P, Hackstein H, Herreman A, Ponzoni M, de Wolf-Peeters C, Facchetti F, Gascoyne RD, Kuppers R, Steidl C, Hansmann ML.

International Journal of Cancer 2013 Dec; 133(11):2609.

Application: IHC, Human, Macrophages

Disease

- [Amyotrophic lateral sclerosis](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Inflammation](#)