

# Product Datasheet

## Metallothionein-2A Antibody (6G2) - Azide and BSA Free H00004502-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00004502-M01**

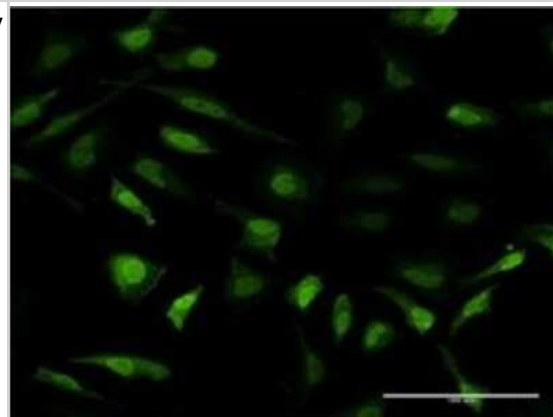
Metallothionein-2A Antibody (6G2) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6G2
Preservative	No Preservative
Isotype	IgG2a Lambda
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4502
Gene Symbol	MT2A
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33795795)
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. MDPNCSCAAGDSCTCAGSCKCKECKCTSCKKSCCSCCPVGCAKCAQGCICK GASDKCSCCA
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence
Application Notes	It has been used for ELISA and WB.

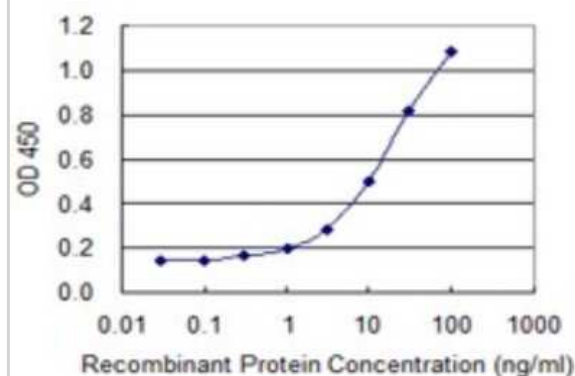


## Images

Immunocytochemistry/Immunofluorescence: Metallothionein-2A Antibody (6G2) [H00004502-M01] - Analysis of monoclonal antibody to MT2A on HeLa cell . Antibody concentration 10 ug/ml.



ELISA: Metallothionein-2A Antibody (6G2) [H00004502-M01] - Detection limit for recombinant GST tagged MT2A is 0.3 ng/ml as a capture antibody.



## Publications

Kang JA, Kwak JS, Park SH et al. ZIP8 exacerbates collagen-induced arthritis by increasing pathogenic T cell responses *Experimental & molecular medicine* 2021-04-01 [PMID: 33795795] (IF/IHC, Mouse)

Hartmann S, Tousseyn T, Doring C et al. Macrophages in T cell/histiocyte rich large B cell lymphoma strongly express metal-binding proteins and show a bi-activated phenotype. *Int J Cancer*. 2013-06-29 [PMID: 23686423]

Armstrong SR, Narendrula R, Guo B et al. Distinct genetic alterations occur in ovarian tumor cells selected for combined resistance to carboplatin and docetaxel. *J Ovarian Res*. 2012-01-01 [PMID: 23194409] (WB)



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### **Products Related to H00004502-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00004502-P01-10ug	Recombinant Human Metallothionein-2A GST (N-Term) Protein
M6000B-1	IL-6 [HRP]

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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