

ARG10578 anti-Metallothionein antibody [N11-G]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Monoclonal antibody [N11-G] recognizes Metallothionein
Tested Reactivity	Hu, Rb
Tested Application	WB
Host	Rabbit
Clonality	Monoclonal
Clone	N11-G
Isotype	IgG
Target Name	Metallothionein
Species	Human
Immunogen	Synthetic peptide around the N-terminus of Human metallothionein (covering isoforms 1A, B, E, F, G, H, I, L, M, Q, S, Y, 2A)
Conjugation	Un-conjugated
Alternate Names	Metallothionein-IA; MT-1A; Metallothionein-1A; MT1; MT1S; MTC; MT-IA

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>Assay-dependent</td></tr></tbody></table>	Application	Dilution	WB	Assay-dependent
Application	Dilution				
WB	Assay-dependent				
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.				

Properties

Form	Liquid
Buffer	20 mM Tris-HCl (pH 8.0), 0.05% Sodium azide and 10 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	10 mg/ml BSA
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links [GeneID: 4489 Human](#)
[Swiss-port # P04731 Human](#)

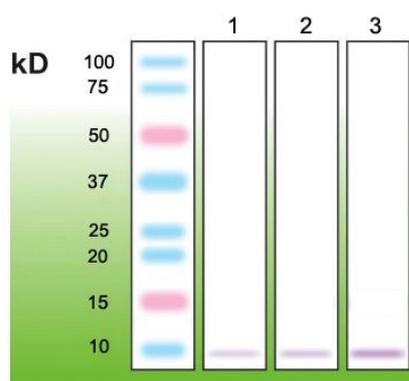
Gene Symbol MT1A

Gene Full Name metallothionein 1A

Function Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. [UniProt]

Calculated Mw 6 kDa

Images



ARG10578 anti-Metallothionein antibody [N11-G] WB image

Western blot: 1) 1 µg, 2) 3 µg, and 3) 5 µg of Rabbit liver lysates stained with ARG10578 anti-Metallothionein antibody [N11-G].