

Anti-MT 1/2
(Metallothionein I / II)

Code Number: MT-1/2-RB-AF1218

Size: 20 μ g or 50 μ g (Affinity purified)

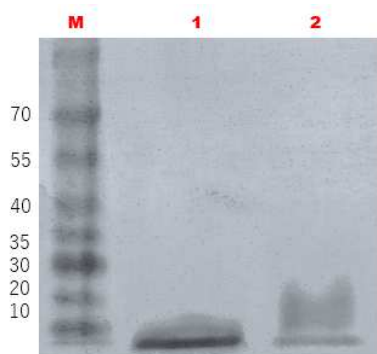
Formulation: Liquid (50% Glycerol/PBS);

Storage: Store at 4 °C. The antibody can be stored at 4 °C. The antibody can be also aliquotted and stored at -80 °C for long-term storage. Avoid repeated freeze-thawing. Non-hazardrous. No MSDS required.

Species: rabbit, polyclonal

Antigen: rat metallothionein

Specificity: Mouse/Human/Rat



M: Prestained Ladder

1: MT2/APO(TPEN+) 2 μ g/lane

2: MT2/Zn(TPEN+) 2 μ g/lane

Applications: In general, protein purified antibody is used at working dilution of 1:500-1:1000 for immunohistochemistry. The most appropriate concentration should be determined by users, because it depends on contents in given cells, tissues and organs.

This antibody is used at working dilution of 1:500-1:1000 for western blotting. Western blot analysis of MT-II. 2 μ g of MT-II proteins (strong recommend chelating by TPEN: N,N,N',N'-Tetrakis(2-pyridylmethyl)ethylenediamine) were electrophoresed on 5-20% gradient gel SDS-PAGE, transferred to PVDF and then immunostained with this antibody.

Research Use: For research use only, not for use in diagnostic procedures.

Remarks:

Reference: 1) Nakazato K, Nakajima K, Nakano T, Kodaira T, Nakayama K, Satoh M, Nagamine T. (2012) Metallothionein (MT) 1/2 expression in MT 1/2 and MT 3 knock-out mice and Long-Evans Cinnamon (LEC) rats. *J Toxicol Sci.* 2012 Feb;37(1):169-75.