

Product datasheet

HRP Anti-MT1E antibody ab193636

Overview

<b>Product name</b>	HRP Anti-MT1E antibody	
<b>Description</b>	HRP Rabbit polyclonal to MT1E	
<b>Host species</b>	Rabbit	
<b>Conjugation</b>	HRP	
<b>Species reactivity</b>	<b>Reacts with:</b> Human	
<b>Immunogen</b>	Recombinant fragment corresponding to Human MT1E aa 1 to the C-terminus. Database link: <a href="#">P04732</a>	<a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.40 Constituents: 49% PBS, 50% Glycerol, 0.03% Proclin 300
<b>Purity</b>	Caprylic Acid - Ammonium Sulfate precipitation
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Target

<b>Function</b>	Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids.
<b>Sequence similarities</b>	Belongs to the metallothionein superfamily. Type 1 family.
<b>Domain</b>	Class I metallothioneins contain 2 metal-binding domains: four divalent ions are chelated within cluster A of the alpha domain and are coordinated via cysteinyl thiolate bridges to 11 cysteine ligands. Cluster B, the corresponding region within the beta domain, can ligate three divalent ions to 9 cysteines.

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