

## Product information

<b>Clone ID</b>	DM1
<b>Immunogen</b>	6×His synthetic peptide coupled to KLH
<b>Buffer</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Catalog Number	DME100001
Synonyms	his tag
Host Species	Rabbit
IgG type	IgG
Clonality	Monoclonal
Formulation	Powder
Purification	Purified from cell culture supernatant by affinity chromatography
Reactivity	Human
Applications	WB, ELISA
Recommended Dilutions	WB 1/1000
Storage	Store at -20°C for 12 months (Avoid repeated freezing and thawing)
Usage	Research use only
Images	 <p>Western blot analysis of his-tag fusion protein using His-Tag antibody (DME100001) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000 dilution. His-tag fusion protein : 70kDa, 20ng per lane. Blocking buffer: 5% nonfat dry milk in TBST. Exposure time: 1s.</p>
Background	The rabbit immune system generates antibody diversity and optimizes affinity. Anti-His Tag Antibody(DM1), Rabbit mAb is specific to six histidine tags placed at C-terminal and internal regions of fusion proteins. This antibody can greatly improve the effectiveness of several different kinds of immunoassays, helping researchers identify, detect, and purify polyhistidine fusion proteins in bacteria, insect cells, and mammalian cells.

