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12-9523: Anti-His Tag Antibody(DM1); Rabbit mAb

Clonality: Monoclonal

Clone Name: DM1

Application: ELISA; WB

Reactivity:Detects proteins containing accessible consecutive histidine regions. The antibody detects His tags

localized at the amino- or carboxyl- terminus.

Uniprot ID: N/A
Alternative Name: his tag
Isotype: Rabbit IgG

Description

Description :Anti-His Tag Antibody(DM1); Rabbit mAb

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 ofimmunoassays; helping researchers identify; detect; and purify polyhistidine fusion proteinsin bacteria; insect cells; and mammalian cells.

Product Info

Amount : $10 \mu g / 100 \mu g$

Purification: Purified from cell culture supernatant by affinity chromatography

Content: 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 of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended

Storage condition: for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient temperature.

Application Note

WB 1:1000

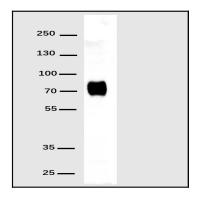


Figure 1. Western blot analysis of his-tag fusion protein using His-Tag antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H L) at 1:5000 dilution. His-tag fusion protein: 70kDa, 20ng per lane. Blocking buffer: 5% nonfat dry milk in TBST. Exposure time: 1s.