

Anti-His Tag Antibody Picoband™ (monoclonal, 19b10)

Catalog # ABO14865

Product Information

Host	Mouse
Isotype	Mouse IgG2b
Clonality	Monoclonal
Format	Lyophilized
Description	Anti-His Tag Antibody Picoband™ (monoclonal, 19b10) . Tested in WB application. This antibody reacts with all species.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500 µg/ml.

Additional Information

Application Details	Western blot, 0.1-0.5 µg/ml
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Clone Names	Clone: 19b10
Immunogen	A synthetic peptide corresponding to a sequence of His Tag.
Cross Reactivity	No cross-reactivity with other proteins.
Storage	Store at -20 °C for one year from date of receipt. After reconstitution, at 4 °C for one month. It can also be aliquotted and stored frozen at -20 °C for six months. Avoid repeated freeze-thaw cycles.

Images

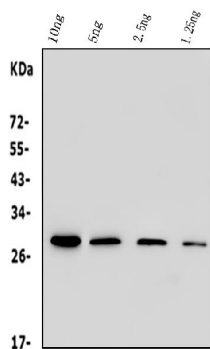


Figure 1. Western blot analysis of His Tag using anti-His Tag antibody (M30975-1).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours.

Lane 1: recombinant mouse His Tag protein 10ng,

Lane 1: recombinant mouse His Tag protein 5ng,

Lane 1: recombinant mouse His Tag protein 2.5ng,

Lane 1: recombinant mouse His Tag protein 1.25ng.

After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes.

Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with mouse

anti-His Tag antigen affinity purified monoclonal antibody (Catalog # M30975-1) at 0.5 µg/mL overnight at 4°C, then

washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.