**Description**

**Specificity:** Detects proteins containing accessible consecutive histidine regions. This antibody detects His tags localized at the amino- or carboxyl-terminus.

**Source:** Monoclonal Mouse IgG, Clone # AD1.1.10

**Purification:** Protein A or G purified from hybridoma culture supernatant

**Immunogen:** His-tagged peptide

**Formulation:** Lyophilized from a 0.2 μm filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

**Applications**

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

<table>
<thead>
<tr>
<th>Sample</th>
<th>Recommended Concentration</th>
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<tbody>
<tr>
<td>Western Blot</td>
<td>0.1 µg/mL</td>
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**Data**

Detection of His Tag by Western Blot.

Western blot shows lysates of HEK293T human embryonic kidney cell line either non-transfected or transfected with His-tagged human CIQ4 and human MYCOC and CHO Chinese hamster ovary cell line transfected with His-tagged BAI-1. PVDF membrane was probed with 0.1 μg/mL of Mouse Anti-His Tag Biotinylated Monoclonal Antibody (Catalog # BAM050) followed by Streptavidin-HRP (Catalog # DY998) in 3% BSA. Specific bands were detected for His Tag at approximately 32, 65, and 120 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 1.

**Preparation and Storage**

**Reconstitution:** Reconstitute at 0.5 mg/mL in sterile PBS.

**Shipping:** The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

**Stability & Storage:** Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.