Human Thrombopoietin/Tpo
Biotinylated Antibody
Monoclonal Mouse IgG2A Clone # 34840
Catalog Number: BAM288

DESCRIPTION

Species Reactivity  Human
Specificity  Detects human Tpo in ELISAs. In ELISAs, this antibody does not cross-react with recombinant human (rh) G-CSF, rhGM-CSF, rmGM-CSF, or rhM-CSF.
Source  Monoclonal Mouse IgG2A Clone # 34840
Purification  Protein A or G purified from ascites
Immunogen  S. frugiperda insect ovarian cell line Sf 21-derived recombinant human Tpo Ser22-Gly353
Accession #  P40225
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.

Human Thrombopoietin/Tpo Sandwich Immunoassay

<table>
<thead>
<tr>
<th>Reagent</th>
<th>ELISA Capture</th>
<th>ELISA Detection</th>
<th>Standard</th>
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</thead>
<tbody>
<tr>
<td>Human Thrombopoietin/Tpo Antibody (Catalog # MAB288)</td>
<td>2-8 μg/mL</td>
<td>0.5-2.0 μg/mL</td>
<td>Recombinant Human Thrombopoietin/Tpo (Catalog # 288-TPN)</td>
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<tr>
<td>Human Thrombopoietin/Tpo Biotinylated Antibody (Catalog # BAM288)</td>
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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.

BACKGROUND

Tpo is a secreted protein that regulates megakaryocytopoiesis and thrombopoiesis. It binds to and induces signaling through the thrombopoietin receptor.