

## DESCRIPTION

<b>Species Reactivity</b>	Porcine
<b>Specificity</b>	Detects the p40 subunit of porcine IL-12/IL-23 in ELISAs and Western blots. In ELISAs, this antibody shows 25-35% cross-reactivity with recombinant human IL-12 and IL-23 and no cross-reactivity with recombinant mouse IL-12 or IL-23.
<b>Source</b>	Monoclonal Mouse IgG <sub>1</sub> Clone # 116224
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Chinese hamster ovary cell line CHO-derived recombinant porcine IL-12 p70 heterodimer
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

## 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.

Porcine IL-12 Sandwich Immunoassay		Reagent
<b>ELISA Capture</b>	2-8 µg/mL	Porcine IL-12/IL-23 p40 Antibody (Catalog # <a href="#">MAB9121</a> )
<b>ELISA Detection</b>	0.5-2.0 µg/mL	Porcine IL-12/IL-23 p40 Biotinylated Antibody (Catalog # <a href="#">BAM9122</a> )
<b>Standard</b>		Recombinant Porcine IL-12 (Catalog # <a href="#">912-PL</a> )

## PREPARATION AND STORAGE

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

## BACKGROUND

IL-12 and IL-23 are disulfide-linked heterodimers consisting of a p40 subunit that is common to both cytokines and a unique subunit, p19 in IL-23 or p35 in IL-12.