

DESCRIPTION

Species Reactivity	Porcine
Specificity	Detects the p40 subunit of porcine IL-12 and IL-23. In ELISAs, this antibody shows 25-35% cross-reactivity with recombinant human (rh) IL-12 and rhIL-23 and no cross-reactivity with rmlIL-12 or rmlIL-23.
Source	Monoclonal Mouse IgG _{2B} Clone # 116211
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Chinese hamster ovary cell line CHO-derived recombinant porcine IL-12 p70 heterodimer
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.

Porcine IL-12 Sandwich Immunoassay

		Reagent
ELISA Capture	2-8 µg/mL	Porcine IL-12/IL-23 p40 Antibody (Catalog # MAB9121)
ELISA Detection	0.5-2.0 µg/mL	Porcine IL-12/IL-23 p40 Biotinylated Antibody (Catalog # BAM9122)
Standard		Recombinant Porcine IL-12 (Catalog # 912-PL)

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	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 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

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.