

InVivoMAb anti-mouse IL-12 p75

Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	BE0233
Clone:	R2-9A5
Isotype:	Rat IgG2b, κ
Recommended Isotype Control(s):	InVivoMAb rat IgG2b isotype control, anti-keyhole limpet hemocyanin
Recommended Dilution Buffer:	InVivoPure pH 8.0 Dilution Buffer
Immunogen:	Recombinant mouse IL-12 p75 <i>in vivo</i> IL-12p75 neutralization ELISA
Reported Applications:	PBS, pH 8.0 Contains no stabilizers or preservatives
Formulation:	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
Endotoxin:	>95% Determined by SDS-PAGE
Purity:	0.2 μM filtered
Sterility:	Purified from tissue culture supernatant in an animal free facility
Production:	Protein G
Purification:	AB_2687715
RRID:	150 kDa
Molecular Weight:	

Description

The R2-9A5 monoclonal antibody reacts with mouse interleukin-12 (IL-12), a heterodimeric 75 kDa (p75) cytokine consisting of two covalently linked subunits, 40 kDa (p40) and 35 kDa (p35). IL-12 is secreted by activated monocytes, macrophages, dendritic cells and T cells in response to bacterial pathogens or products such as lipopolysaccharides (LPS). IL-12 is a potent regulator of cell-mediated immune responses and plays a key role in the development of Th1 responses, leading to IFN γ and IL-2 production. The R2-9A5 antibody has been shown to neutralize the biological effects of IL-12 when administered *in vivo*.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at bxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit <https://bxcell.com/product/anti-m-il-12-p75/#references> or scan the QR code below.

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