

# IL-13 Monoclonal Antibody (PVM13-1), Functional Grade, eBioscience™

## Product Details

Size	50 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	PVM13-1
Conjugate	Functional Grade
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage conditions	4° C
RRID	AB_469236

Applications	Tested Dilution	Publications
Neutralization (Neu)	Assay-Dependent	-
Functional Assay (FN)	Assay-Dependent	-
Immunostaining (IS)	Assay-Dependent	-

## Product Specific Information

**Description:** The PVM13-1 antibody reacts with human interleukin-13 (IL-13). IL-13, also known as NC30, is a 12.5 kDa protein secreted by activated T helper cells, CD8<sup>+</sup> T cells, and NK cells. The biological activities of IL-13 include suppression of macrophage cytotoxic activity, upregulation of IL-1RA expression and suppression of inflammatory cytokine expression.

**Applications Reported:** The PVM13-1 antibody has been reported for use as the capture antibody in an IL-13 ELISPOT assay or ELISA, as well as for neutralization of IL-13 bioactivity.

**Applications Tested:** The functional grade PVM13-1 antibody has been tested for ELISA and ELISPOT capture and neutralization of IL-13 bioactivity. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Storage and handling:** Use in a sterile environment.

**Filtration:** 0.2 µm post-manufacturing filtered.

**Purity:** Greater than 90%, as determined by SDS-PAGE.

**Endotoxin Level:** Less than 0.001 ng/µg antibody, as determined by LAL assay.

**Aggregation:** Less than 10%, as determined by HPLC.

Product Images For IL-13 Monoclonal Antibody (PVM13-1), Functional Grade, eBioscience™



**IL-13 Antibody (16-7139-81) in IS**

Normal human peripheral blood cells (300,000/well) in 100 µl complete RPMI medium were treated without (left) or with (right) Candida (100 µg/mL) for 24 hrs in an IL-13 ELISPOT assay.

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