

Product datasheet

Anti-IL-3 antibody [EPR7964] ab167159

Recombinant RabMAb

[1 References](#) [4 Images](#)

Overview

Product name	Anti-IL-3 antibody [EPR7964]
Description	Rabbit monoclonal [EPR7964] to IL-3
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF Unsuitable for: IHC-P or IP
Species reactivity	Reacts with: Mouse, Human
Immunogen	Synthetic peptide within Human IL-3. The exact sequence is proprietary.
Positive control	Jurkat cells. Human recombinant IL3 protein.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant</p>
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EPR7964

Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab167159 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Predicted molecular weight: 17 kDa.
ICC/IF		1/100 - 1/250.

Application notes Is unsuitable for IHC-P or IP.

Target

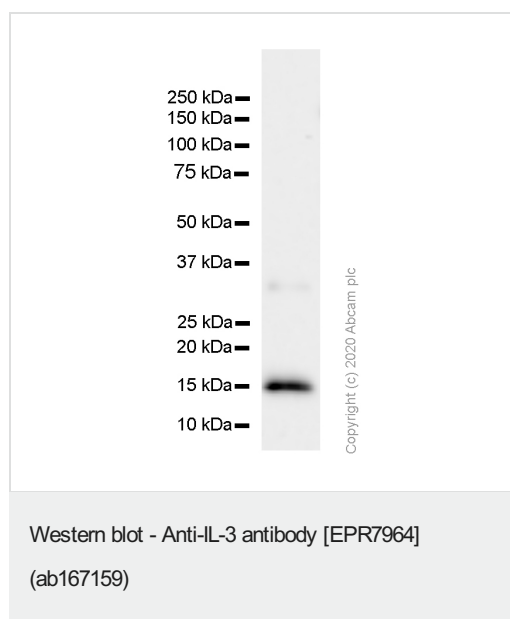
Function Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages.
This CSF induces granulocytes, macrophages, mast cells, stem cells, erythroid cells, eosinophils and megakaryocytes.

Tissue specificity Activated T-cells, mast cells, natural killer cells.

Sequence similarities Belongs to the IL-3 family.

Cellular localization Secreted.

Images



Anti-IL-3 antibody [EPR7964] (ab167159) at 1.23 µg/ml + Mouse
IL-3 recombinant protein at 10 µg

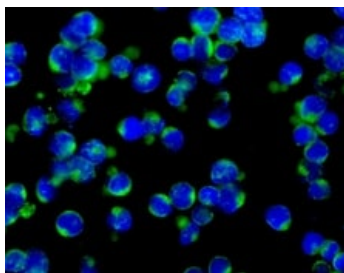
Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 0.05 µg/ml

Predicted band size: 17 kDa

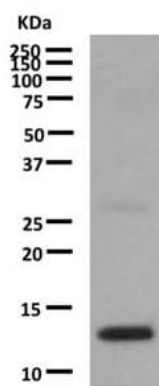
Observed band size: 17 kDa

Blocking/diluting Buffer and concentration: 5% NFDM /TBST



Immunocytochemical analysis of Jurkat cells labeling IL3 with ab167159 at a 1/100 dilution.

Immunocytochemistry/ Immunofluorescence - Anti-IL-3 antibody [EPR7964] (ab167159)



Anti-IL-3 antibody [EPR7964] (ab167159) at 1/1000 dilution + Human IL3 recombinant protein (10 ng)

Predicted band size: 17 kDa

Western blot - Anti-IL-3 antibody [EPR7964] (ab167159)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-IL-3 antibody [EPR7964] (ab167159)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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