

Product datasheet

Anti-IL17 antibody [20B4] ab123250

1 Image

Overview

Product name	Anti-IL17 antibody [20B4]
Description	Rat monoclonal [20B4] to IL17
Host species	Rat
Tested applications	Suitable for: WB, IP, ELISA, Flow Cyt
Species reactivity	Reacts with: Mouse
Immunogen	Recombinant full length Mouse IL17.

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.20 Constituents: 0.27% Potassium phosphate, 0.88% Sodium chloride
Clonality	Monoclonal
Clone number	20B4
Isotype	IgG2a
Light chain type	kappa

Applications

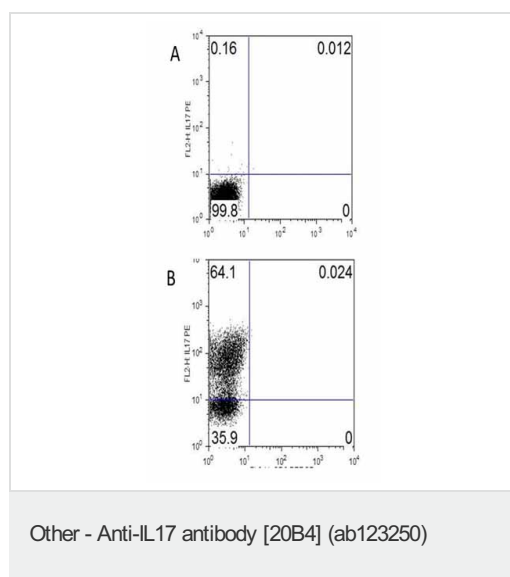
Our [Abpromise guarantee](#) covers the use of **ab123250** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 17 kDa.
IP		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

Application	Abreviews	Notes
Flow Cyt		Use at an assay dependent concentration. ab18450 - Rat monoclonal IgG2a, is suitable for use as an isotype control with this antibody.
Target		
Function		Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in inducing stromal cells to produce proinflammatory and hematopoietic cytokines (PubMed:8676080).
Tissue specificity		Restricted to activated memory T-cells.
Sequence similarities		Belongs to the IL-17 family.
Post-translational modifications		Found both in glycosylated and nonglycosylated forms.
Cellular localization		Secreted.

Images



Mouse splenocytes were cultured under Th17 polarizing conditions. They were then left unstimulated (A) or stimulated with PMA and ionomycin in the presence of a protein transport inhibitor (B) and stained for intracellular IL-17A (y axis) using anti-mouse IL-17A clone 20B4.

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