Product datasheet

Anti-IL-34 antibody ab111978

Overview

Product name
Anti-IL-34 antibody

Description
Rabbit polyclonal to IL-34

Host species
Rabbit

Tested applications
Suitable for: WB

Species reactivity
Reacts with: Human

Predicted to work with: Mouse, Rat

Immunogen
Recombinant full length protein corresponding to Human IL-34 aa 21-242. (BC029804)

Positive control
Human fetal spleen tissue; Human fetal brain lysate.

General notes
Previously labelled as Interleukin 34.

Properties

Form
Lyophilized: Reconstitute with 200µl distilled sterile water. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

Storage buffer
pH: 7.20
Preservative: 0.02% Sodium azide
Constituents: PBS, 1% BSA

Purity
Immunogen affinity purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab111978 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Function
Cytokine that promotes the differentiation and viability of monocytes and macrophages. Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R.

Tissue specificity
Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.

Sequence similarities
Belongs to the IL-34 family.

Cellular localization
Secreted.

Images

Anti-IL-34 antibody (ab111978) at 1/500 dilution + Human fetal brain lysate

Predicted band size: 27 kDa

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

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