

Datasheet for ABIN7074359

anti-IL-34 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	IL-34 (IL34)
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-34 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein corresponding to Mouse IL-34
Cross-Reactivity:	Rat
Purification:	Affinity purification

Target Details

Target:	IL-34 (IL34)
Alternative Name:	IL-34 (IL34 Products)
Background:	IL-34 is secreted as a dimeric protein and currently belongs to no known cytokine family. It signals via the M-CSF Receptor, also known as CSF-1R and CD115, which is shared with M-CSF. IL-34 has no amino acid sequence homology to M-CSF, but they exhibit similarities in secondary structure and share overlapping functions. IL-34 has been shown to promote myeloid survival, proliferation, and differentiation, and to play a role in osteoclast formation. IL-

Target Details

IL34 expression has been detected in various tissues and is most abundant in the spleen.

Gene ID: 76527

NCBI Accession: [NP_001128572](#)

UniProt: [Q8R1R4](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: IHC/IF (M,R) 1:500-1:1500

Restrictions: For Research Use only

Handling

Format: Liquid

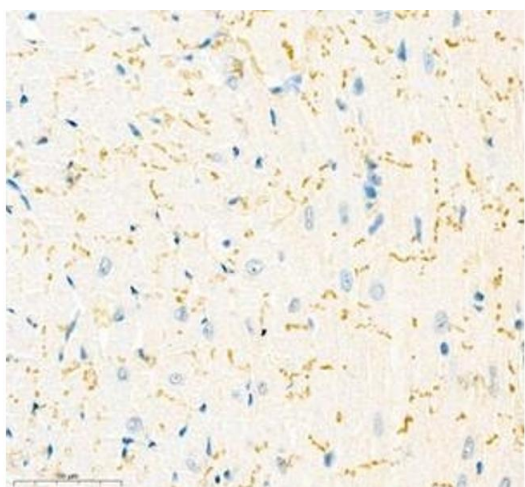
Buffer: PBS, pH 7.4, 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

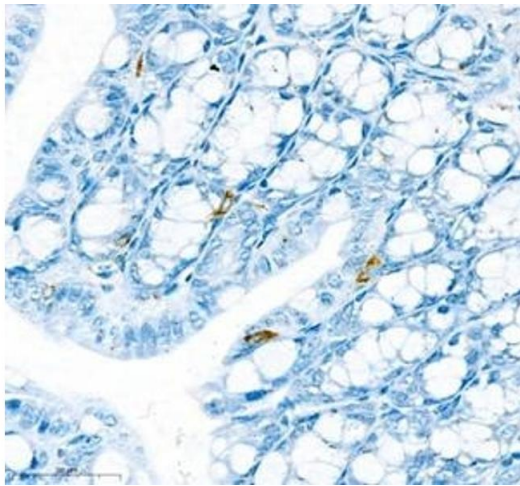
Storage: -20 °C

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin embedded mouse heart using IL34 (ABIN7074359) at dilution of 1:900 (400x lens)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin embedded mouse colon using IL34 (ABIN7074359) at dilution of 1:900 (400x lens)