

Datasheet for ABIN388447
anti-IL29 antibody (AA 54-85)[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	IL29
Binding Specificity:	AA 54-85
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL29 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This IL29 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 54-85 amino acids from the Central region of human IL29.
Clone:	RB03233
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	IL29
Alternative Name:	IL29 (IL29 Products)

Target Details

Background: IL29 is a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 28B (IL28B) are three closely related cytokine genes that form a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokines encoded by the three genes can be induced by viral infection. All three cytokines have been shown to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 receptor, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA).

Molecular Weight: 21898

Gene ID: 282618

NCBI Accession: [NP_742152](#)

UniProt: [Q8IU54](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

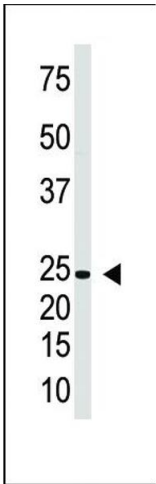
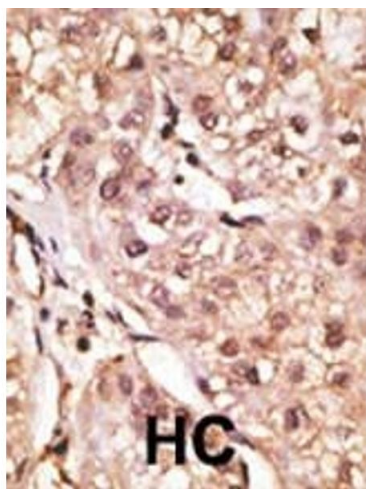
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

Western Blotting

Image 2. The anti-IL29 Pab (ABIN388447 and ABIN2848744) is used in Western blot to detect IL29 in Jurkat cell lysate.