

Datasheet for ABIN2665296

anti-NLRC4 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NLRC4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NLRC4 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	6H9B13
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	NLRC4
Alternative Name:	NLRC4 (NLRC4 Products)
Background:	<p>NLRC4 , also known as IPAF, is a member of the NOD-like receptor (NLR) family. The NLR proteins share a conserved DNA-binding NACHT domain, a caspase recruitment domain (CARD), and a leucine-rich repeat (LRR) domain responsible for pathogen pattern recognition.</p> <p>NLRC4 was found to play an important role in the innate immune response against bacterial infection. During Gram-negative bacteria infections, such as Shigella, Salmonella, Legionella, or</p>

Target Details

Pseudomonas, NLRC4 detects and is activated by translocated bacterial flagellin or PrgJ-like rod proteins subsequently resulting in the assembly of the NLRC4 inflammasome. The activated inflammasome drives proteolytic activation of caspase-1, leading to the processing and secretion of the proinflammatory cytokines IL-1 β and IL-18.

Pathways: [Activation of Innate immune Response](#), [Positive Regulation of Endopeptidase Activity](#), [Inflammasome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

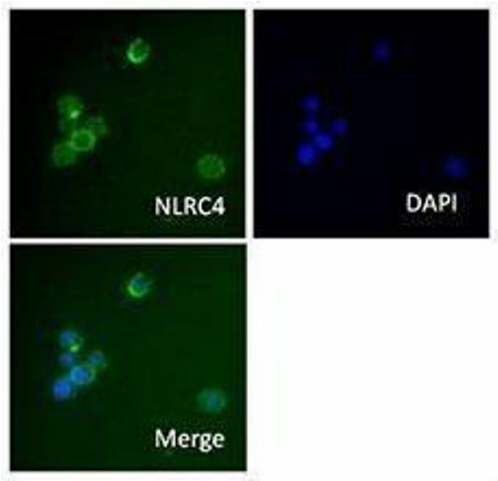
Preservative: Sodium azide

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

Storage: 4 °C

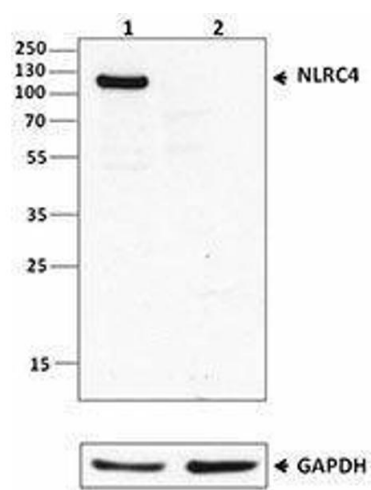
Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.