

Datasheet for ABIN2666255

anti-NLRP2 antibody

2 Images



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	NLRP2
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Functional Studies (Func), Flow Cytometry (FACS)

Product Details

Clone:	8F10B51
Isotype:	IgG1 kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	NLRP2
Alternative Name:	NLRP2 (NLRP2 Products)
Background:	NLRP2, also known as NALP2 or PAN1, is a member of the pyrin domain-containing NLR protein (NLRP) family. The NLR proteins interact with ASC via the conserved pyrin domain, which results in the activation of caspase-1 and maturation of the pro-inflammatory cytokines IL-1 β and IL-18. NLRP2 is also involved in the formation of the inflammasome and caspase-1 activation. NLRP2 negatively regulates NF κ B activation, which is induced by TNF- α , through inhibiting NFKBIA degradation. In addition, NLRP2 is one of the maternal effect genes and plays

Target Details

a crucial role in embryonic development. In mouse embryos, knockdown or mutation of NLRP2 leads to developmental defections. Truncation of the NLRP2 gene is reported to associate with an overgrowth disorder called Beckwith-Wiedemann Syndrome.

Pathways: [Production of Molecular Mediator of 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.

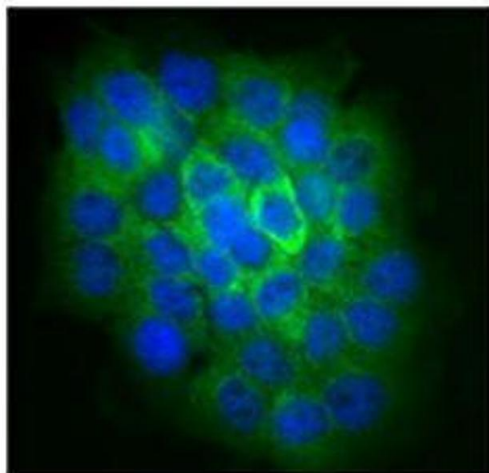
Preservative: Sodium azide

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

Storage: 4 °C

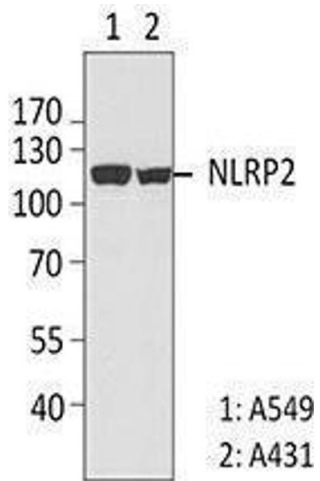
Storage Comment: Upon receipt, store undiluted at 4°C

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.