

Datasheet for ABIN1169061

anti-NLRP6 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	NLRP6
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human NLRP6 (NACHT domain).
Clone:	Clint-1
Isotype:	IgG1
Specificity:	Recognizes human NLRP6.
Cross-Reactivity:	Human
Purification:	Purified from concentrated hybridoma tissue culture supernatant.
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	NLRP6
Alternative Name:	NLRP6/NALP6 (NLRP6 Products)
Background:	The inflammasome is a multiprotein complex that mediates the activation of caspase-1, which

Target Details

promotes, amongst others, the secretion of the proinflammatory cytokines interleukin (IL)-1beta and IL-18. Members of the Nod-like receptor (NLR) family are critical components of the inflammasome that link danger-signals to caspase-1 activation. NLRP6/NALP6 is important for intestinal homeostasis by sensing pathogenic commensal bacteria and activating bactericidal activity of macrophages through secretion of IL-18. NLRP6 suppresses inflammation and carcinogenesis by regulating tissue repair and deletion of NLRP6 gene accelerated colitis-associated tumor growth in mice.

UniProt: [P59044](#)

Pathways: [Inflammasome](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 10 % glycerol and 0.02 % sodium azide.

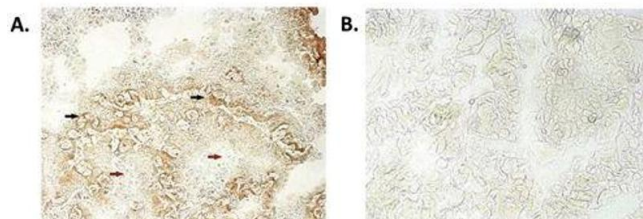
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months



Immunohistochemistry

Image 1. Immunohistochemical staining of bioptic sections of small intestine using anti-NLRP6/NALP6 (human), mAb (Clint-1) at 1:500 dilution. Method: A) Epithelial tissues which express NLRP6 (positive control) (black arrows) and connective tissues which do not express NLRP6 (negative control) (red arrows) are stained using Clint-1. B) Control confirming non-reactive specificity of the secondary antibody without Clint-1.