NLRP6 monoclonal antibody, clone Clint-1

Catalog # MAB16111 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human NLRP6.
Immunogen	Recombinant protein corresponding to NACHT domain of human NLRP6.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	>95% (SDS-PAGE)
Isotype	IgG1, kappa
Recommend Usage	Immunohistochemistry (Frozen sections) (1:500) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (10% glycerol, 0.02% sodium azide).
Storage Instruction	For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Frozen sections)

Gene Info — NLRP6

Entrez GeneID	171389
Protein Accession#	P59044
Gene Name	NLRP6
Gene Alias	CLR11.4, NALP6, PAN3, PYPAF5
Gene Description	NLR family, pyrin domain containing 6
Omim ID	609650
Gene Ontology	Hyperlink
Gene Summary	NALPs are cytoplasmic proteins that form a subfamily within the larger CATERPILLER protein family. Most short NALPs, such as NALP6, have an N-terminal pyrin (MEFV; MIM 608107) domain (PYD), followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. The long NALP, NALP1 (MIM 606636), also has a C-terminal extension containing a function to find domain (FIIND) and a caspase recruitment domain (CARD). NALPs are implicated in the activation of proinflammatory caspases (e.g., CASP1; MIM 147678) via their involvement in multiprotein complexes called inflammasomes (Tschopp et al., 2003 [PubMed 12563287]).[supplied by OMIM
Other Designations	NACHT, LRR and PYD containing protein 6|NACHT, leucine rich repeat and PYD containing 6|OTTHUMP00000147611|PYRIN-containing APAF1-like protein 5|nucleotide-binding oligomerization domain, leucine rich repeat and pyrin domain containing 6

Disease

- Crohn Disease
- Genetic Predisposition to Disease