

Product datasheet for **TA328073**

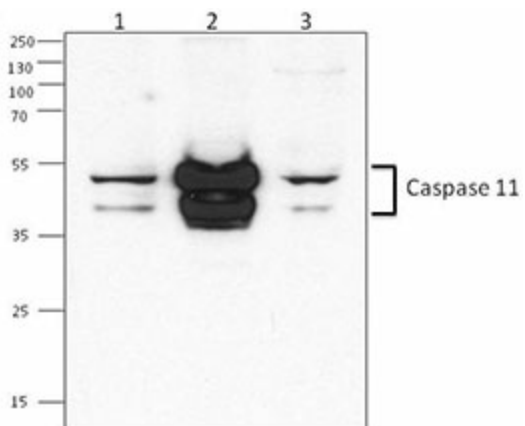
PRR6 (CENPV) Rat Monoclonal Antibody [Clone ID: Cas11.17D9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Cas11.17D9
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	His tagged bacterial fusion protein of p 30 of caspase 11
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	lot specific
Purification:	The antibody was purified by affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	centromere protein V
Database Link:	NP_859067 Entrez Gene 201161 Human Q7Z7K6
Background:	Murine caspase-11 is an upstream protease of caspase-1 and interacts with the proform of caspase-1 which in turn activates IL-1 beta. Caspase-11 is not constitutively expressed in most cell types. Its expression can be upregulated by LPS, IFN-gamma, and other pro-inflammatory stimuli. NF-κB and STAT1 were reported to be involved in the activation. Caspase-11 knock-out mice were resistant to endotoxin shock and do not produce IL-1 after stimulation with LPS. Their production of IFN-gamma was also deficient.
Synonyms:	3110013H01Rik; CENP-V; p30; PRR6



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Product images:

Western blot analysis of Raw264.7 cells starved overnight (lane 1), Raw264.7 cells starved overnight and treated with 1 µg/ml LPS for nine hours (lane 2) and NIH3T3 untreated cells (lane 3) using anti-Caspase11 antibody (clone cas11.17D9).