

Datasheet for ABIN2664092
anti-Caspase 4 antibody



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1 Image

Overview

Quantity:	100 µg
Target:	Caspase 4 (CASP4)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This Caspase 4 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	Cas11-17D9
Isotype:	IgG2a
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	Caspase 4 (CASP4)
Alternative Name:	Caspase-11 (CASP4 Products)
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.

Target Details

	Their production of IFN-gamma was also deficient.
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

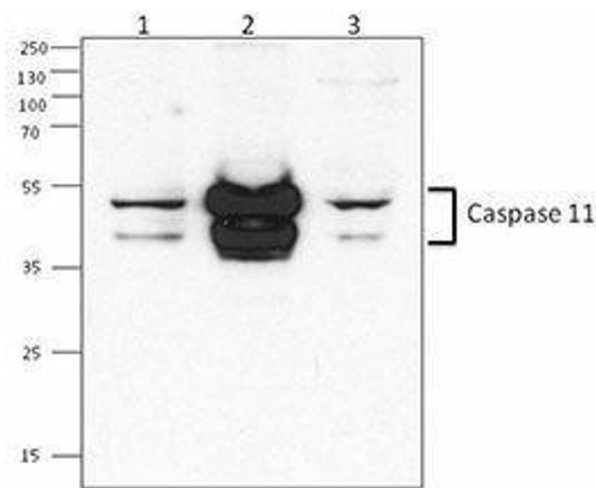
Application Details

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



Western Blotting

Image 1.