

Anti-Caspase 5 Antibody (8Z970)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 50 kDa. Actual: 48 kDa.
Clone:	8Z970
Purification:	Protein A purified

Applications

Verified Activity:	25 µg total protein per lane of various lysates (see on figure) probed with Caspase 5 monoclonal antibody, unconjugated (TMAB-03647) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthesized peptide: human Caspase 5
Antigen Species:	Human
Gene ID:	838
Uniprot ID:	P51878

Research Background

Thiol protease that acts as a mediator of programmed cell death. Initiates pyroptosis, a programmed lytic cell death pathway through cleavage of Gasdermin-D (GSDMD): cleavage releases the N-terminal gasdermin moiety (Gasdermin-D, N-terminal) that binds to membranes and forms pores, triggering pyroptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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