



Anti-Caspase 11 monoclonal antibody, clone 28E0 (CABT-B209)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Caspase 11 (mouse)
Target	Caspase 11
Immunogen	Bacterial fusion protein (p30)
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	28E0
Purification	Protein G affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA, IHC
Format	Liquid
Size	100 µg
Preservative	None
Storage	Store at 4°C
Ship	Cold packs

BACKGROUND

Introduction

This gene encodes a member of the cysteine proteases that plays important roles in apoptosis, cell migration and the inflammatory response. The encoded protein mediates production of pro-inflammatory cytokines by macrophages upon bacterial infection. Mice lacking the encoded protein are resistant to endotoxic shock induced by lipopolysaccharide. A 5-bp deletion encompassing a splice acceptor junction resulting in alternate splicing and a shorter non-functional isoform in certain mouse strains has been described. Although its official nomenclature is "caspase 4, apoptosis-related cysteine peptidase", this gene and its encoded protein have historically been called caspase 11. This gene is present in a cluster of three caspase genes on chromosome 9.

Keywords

CASP4;caspase 4, apoptosis-related cysteine peptidase;TX;ICH-2;Mih1/TX;ICEREL-II;ICE(rel)II;caspase-4;CASP-4;ICE(rel)-II;protease TX;protease ICH-2;apoptotic cysteine protease Mih1/TX;caspase 4, apoptosis-related cysteine protease

GENE INFORMATION

Entrez Gene ID

[837](#)

UniProt ID

[P49662](#)