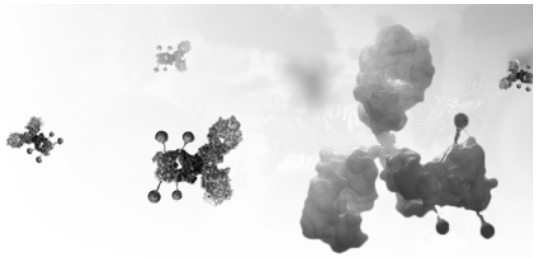

Anti-CASP12 monoclonal antibody, clone 25G8 (DCABH-42)

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

PRODUCT INFORMATION

Product Overview	Rat monoclonal to Caspase-12
Antigen Description	Has no protease activity. May reduce cytokine release in response to bacterial lipopolysaccharide during infections. Reduces activation of NF-kappa-B in response to TNF.
Immunogen	Recombinant fragment corresponding to Mouse Caspase-12 aa 95-318.Sequence: GPQKICTPSS PSESKRKVEDD EMEVNAGLAH ESHLM LTAPH GLQSSEVQDTL KLCPRDQFCK IKTERAKEIY PVMEKEGRTRL ALIICNKKFDY LFDRDNADTDI LNMQELLENLG YSVVLKENLTA QEMETELMQFA GRPEHQSSDST FLVFMSHGIL EGICG
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	25G8
Purification	The antibody is purified from culture supernatant of hybridoma cells, grown in a bioreactor.
Conjugate	Unconjugated
Applications	WB, ICC
Positive Control	A whole cell extract of human hepatocellular carcinoma HepG2 cells.
Format	Liquid
Size	50 µl
Buffer	Preservative: 15mM Sodium Azide; Constituents: 0.01M PBS, pH 7.4

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Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	Casp12 caspase 12 [Mus musculus]
Official Symbol	CASP12
Synonyms	CASP12; caspase 12; caspase-12; CASP-12;
Entrez Gene ID	12364
Protein Refseq	NP_033938
UniProt ID	O08736
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis signaling pathway, organism-specific biosystem;
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity; endopeptidase activity; hydrolase activity; peptidase activity; protease binding; protein binding;

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