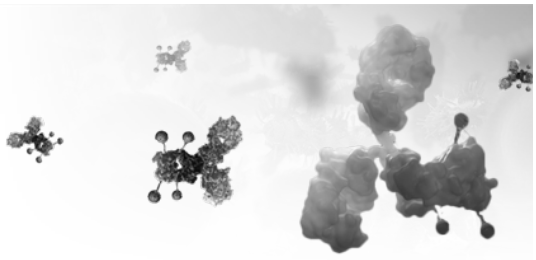

Anti-MAPK11 monoclonal antibody, clone 2D3 (DCABH-584)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to MAPK11
Antigen Description	Kinase involved in a signal transduction pathway that is activated by changes in the osmolarity of the extracellular environment, by cytokines, or by environmental stress. Phosphorylates preferentially transcription factor ATF2.
Immunogen	Recombinant full length Human MAPK11 produced in HEK293T cells (NP_002742).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2D3
Purification	This antibody is purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY MAPK11; COS7 cells transiently transfected by pCMV6-ENTRY MAPK11; HT29 cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 49% PBS, 1% BSA, 50% Glycerol

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Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	MAPK11 mitogen-activated protein kinase 11 [Homo sapiens]
Official Symbol	MAPK11
Synonyms	MAPK11; mitogen-activated protein kinase 11; PRKM11; p38 2; p38Beta; SAPK2; MAPK 11; MAP kinase 11; MAP kinase p38 beta; stress-activated protein kinase 2; stress-activated protein kinase-2; stress-activated protein kinase 2b; stress-activated protein kin
Entrez Gene ID	5600
Protein Refseq	NP_002742
UniProt ID	Q15759
Chromosome Location	22q13.33
Pathway	ATF-2 transcription factor network, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of the AP-1 family of transcription factors, organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; CD40/CD40L signaling, organism-specific biosystem; CDO in myogenesis, organism-specific biosystem;
Function	ATP binding; MAP kinase activity; nucleotide binding; protein binding; protein serine/threonine kinase activity;

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