

Datasheet: MCA2739

Description:	MOUSE ANTI HUMAN CASPASE-8
Specificity:	CASPASE-8
Other names:	FLICE
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4-1-20
Isotype:	IgG1
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Immunoprecipitation			■	
Western Blotting	■			0.2 - 2.0ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Full-length human caspase-8
External Database Links	UniProt:

[Q14790](#) [Related reagents](#)

Entrez Gene:

[841](#) CASP8 [Related reagents](#)

Synonyms	MCH5
-----------------	------

RRID	AB_2068480
-------------	------------

Specificity	<p>Mouse anti Human Caspase 8, clone 4-1-20, recognizes human caspase-8, otherwise known as Fas-linked ICE-like protease (FLICE), a cytosolic protein which shares homology with both Fas-associated via death domain (FADD) and the ICE/Ced-3 family of cysteine proteases.</p> <p>Caspase-8 is classified as an initiator caspase and acts as the most upstream trigger of Fas-Receptor (CD95) and tumour necrosis factor receptor 1 (TNFR1) mediated apoptosis. Upon activation, the cell death receptor Fas links with the adaptor molecule FADD via corresponding death domains (DD). FADD in turn then binds via death effector domains (DEDs) to procaspase-8, which then undergoes oligomerization and autocatalytic activation.</p> <p>Active Caspase-8 is capable of cleaving all other known caspases, and also cleaves the Bcl-2 family member BH3-interacting domain death agonist (BID), along with the Bcl-2 associated protein p28Bap31.</p>
--------------------	---

Further Reading	1. Cohen, G.M. (1997) Caspases: the executioners of apoptosis. Biochem J. 326 (Pt 1): 1-16.
------------------------	--

Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
----------------	---

Guarantee	12 months from date of despatch
------------------	---------------------------------

Health And Safety Information	Material Safety Datasheet documentation #10162 available at: 10162: https://www.bio-rad-antibodies.com/uploads/MSDS/10162.pdf
--------------------------------------	--

Regulatory	For research purposes only
-------------------	----------------------------

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),
[DyLight®800](#), [FITC](#), [HRP](#)

Recommended Negative Controls

MOUSE IgG1 NEGATIVE CONTROL (MCA928)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

'M367383:200529'

Printed on 11 Aug 2020

© 2020 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)