Datasheet: MCA6412GA

Description:	MOUSE ANTI HUMAN FES
Specificity:	FES
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	AB04-4F6
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
Western Blotting	▪			1/1,000

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 from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	*E. coli*-derived recombinant protein, aa 1-459 of human FES
External Database Links	**UniProt:**

P07332 Related reagents

Entrez Gene:

2242 FES Related reagents

Synonyms	FPS
Specificity	**Mouse anti human FES antibody, clone AB04-4F6** recognizes tyrosine-protein kinase FES/FPS, otherwise known as feline sarcoma/fujinami avian sarcoma oncogene homolog, proto-oncogene c-FES, proto-oncogene c-FPS or p93c-FES. FES is one of two members of a unique family of cytoplasmic protein tyrosine kinases, alongside tyrosine-protein kinase FER. This family of kinases contains a central src homology-2 (SH2) domain and a COOH-terminal tyrosine kinase catalytic domain and are distinct from other members of cytoplasmic protein tyrosine kinase subfamilies by the presence of NH2-terminal FER/CIP4 homology and coiled-coil domains (Sangrar *et al.* 2005). Studies initially suggested that mutations in FES contribute to the development of some cancers (Ley *et al.* 2003). However, more recent research has shown that FES may act a tumor suppressor in colorectal cancer (Delfino *et al.* 2006).
Western Blotting	Mouse anti Human FES antibody detects a band of 94 kDa in THP-1 cell lysate
Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6412GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC

Goat Anti Mouse IgG (STAR77...)	HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®550, DyLight®650, 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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M417266:230306'

Printed on 21 Feb 2025