

## Datasheet: MCA6412GA

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|----------------------|----------------------|
| <b>Description:</b>  | MOUSE ANTI HUMAN FES |
| <b>Specificity:</b>  | FES                  |
| <b>Format:</b>       | Purified             |
| <b>Product Type:</b> | Monoclonal Antibody  |
| <b>Clone:</b>        | AB04-4F6             |
| <b>Isotype:</b>      | IgG1                 |
| <b>Quantity:</b>     | 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](http://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.

|                                       |   |
|---------------------------------------|---|
| <b>Target Species</b>                 | Human   |
| <b>Product Form</b>                   | Purified IgG - liquid   |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| <b>Buffer Solution</b>                | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide (NaN <sub>3</sub> )  |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml   |
| <b>Immunogen</b>                      | <i>E. coli</i> -derived recombinant protein, aa 1-459 of human FES                            |
| <b>External Database Links</b>        | <b>UniProt:</b>   |

[P07332](#)   [Related reagents](#)

**Entrez Gene:**

[2242](#)   FES   [Related reagents](#)

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|                 |     |
|-----------------|-----|
| <b>Synonyms</b> | FPS |
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| <b>Specificity</b> | <p><b>Mouse anti human FES antibody, clone AB04-4F6</b> 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.</p> <p>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 (<a href="#">Sangrar et al. 2005</a>). Studies initially suggested that mutations in FES contribute to the development of some cancers (<a href="#">Ley et al. 2003</a>). However, more recent research has shown that FES may act a tumor suppressor in colorectal cancer (<a href="#">Delfino et al. 2006</a>).</p> |
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| <b>Western Blotting</b> | Mouse anti Human FES antibody detects a band of 94 kDa in THP-1 cell lysate |
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| <b>Storage</b> | <p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p> |
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| <b>Guarantee</b> | 12 months from date of despatch |
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| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA6412GA">https://www.bio-rad-antibodies.com/SDS/MCA6412GA</a><br>10040 |
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|                   |                            |
|-------------------|----------------------------|
| <b>Regulatory</b> | For research purposes only |
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## Related Products

### Recommended Secondary Antibodies

|   |  |
|---|--|
| Goat Anti Mouse IgG (STAR77...)         | <a href="#">HRP</a>  |
| Rabbit Anti Mouse IgG (STAR12...)       | <a href="#">RPE</a>  |
| Goat Anti Mouse IgG (STAR70...)         | <a href="#">FITC</a>   |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | <a href="#">Alk. Phos.</a> , <a href="#">HRP</a>   |
| Goat Anti Mouse IgG (STAR76...)         | <a href="#">RPE</a>  |
| Goat Anti Mouse IgG (H/L) (STAR117...)  | <a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> . |

Rabbit Anti Mouse IgG (STAR13...) [FITC](#), [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

### Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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

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