

## Datasheet: MCA6272GA

**BATCH NUMBER 100005435**

|                      |                       |
|----------------------|-----------------------|
| <b>Description:</b>  | MOUSE ANTI HUMAN CD95 |
| <b>Specificity:</b>  | CD95                  |
| <b>Other names:</b>  | TNFRSF6               |
| <b>Format:</b>       | Purified              |
| <b>Product Type:</b> | Monoclonal Antibody   |
| <b>Clone:</b>        | E06-1A9               |
| <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 |
|-------|-----|----|----------------|--------------------|
| ELISA | ▪   |    |                | 1.0 ug/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.

|                                       |   |
|---------------------------------------|---|
| <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>Carrier Free</b>                   | Yes   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml   |

**Immunogen** *E. coli* derived recombinant human full length CD95 (Gln26-Val335)

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**External Database**

**Links**

**UniProt:**

[P25445](#) [Related reagents](#)

**Entrez Gene:**

[355](#) FAS [Related reagents](#)

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**Synonyms**

APT1, FAS1, TNFRSF6

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**Fusion Partners**

Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0

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**Specificity**

**Mouse anti Human CD95 antibody, clone E06-1A9**, recognizes CD95, also known as TNFRSF6, Apo-1 antigen, apoptosis-mediating surface antigen FAS and FASLG receptor. It is a member of the TNF receptor superfamily and is a death receptor. CD95 is a type I transmembrane glycoprotein which is ubiquitously expressed, but it is particularly abundant in the thymus, liver, heart and kidney tissues ([Peter et al. 2015](#)).

Upon binding of its ligand CD95L, CD95 interacts with adaptor proteins to form a death-inducing signaling complex to trigger a cell death signal. However CD95 is also able to promote inflammation, normal and tumor cell growth and migration through other signaling pathways including PI3K, NFκB and JNK MAPKs ([Levoine et al. 2020](#)).

The purified Mouse anti Human CD95 antibody, clone E06-1A9 (MCA62672GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CD95 antibody, clone C02-6C8 ([MCA6273B](#)) as the detection antibody.

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**Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

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.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6272GA>  
10040

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**Regulatory**

For research purposes only

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## 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](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),  
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),  
[FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

### **Recommended Useful Reagents**

[MOUSE ANTI HUMAN CD95:Biotin \(MCA6273B\)](#)

### **ELISA Matched Pair - Detection Antibody**

[MOUSE ANTI HUMAN CD95:Biotin \(MCA6273B\)](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
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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)

'M386400:210521'

**Printed on 18 Jan 2024**

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