

Datasheet: MCA6273B

BATCH NUMBER 100005428

| | |
|----------------------|------------------------------|
| Description: | MOUSE ANTI HUMAN CD95:Biotin |
| Specificity: | CD95 |
| Other names: | TNFRSF6 |
| Format: | Biotin |
| Product Type: | Monoclonal Antibody |
| Clone: | C02-6C8 |
| 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 |
|-------|-----|----|----------------|--------------------|
| 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.

| | |
|---------------------------------------|---|
| Target Species | Human |
| Product Form | Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.09% Sodium Azide (NaN ₃) |
| Stabilisers | 1% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 0.1 mg/ml |
| Immunogen | <i>E. coli</i> derived recombinant human full length CD95 (Gln26-Val335) |

External Database**Links****UniProt:**[P25445](#)[Related reagents](#)**Entrez Gene:**[355](#)

FAS

[Related reagents](#)**Synonyms**

APT1, FAS1, TNFRSF6

Fusion Partners

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

Specificity

Mouse anti Human CD95 antibody, clone C02-6C8, 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 biotinylated Mouse anti Human CD95 antibody, clone C02-6C8 (MCA6273B) can be used as a detection antibody in a sandwich ELISA with the purified Mouse anti Human CD95 antibody, clone E06-1A9 ([MCA6272GA](#)) as the capture antibody.

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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10041 available at:

<https://www.bio-rad-antibodies.com/SDS/MCA6273B>

10041

Regulatory

For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI HUMAN CD95 \(MCA6272GA\)](#)

ELISA Matched Pair - Capture Antibody

[MOUSE ANTI HUMAN CD95 \(MCA6272GA\)](#)

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

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