

## Datasheet: MCA6273B

<b>Description:</b>	MOUSE ANTI HUMAN CD95:Biotin
<b>Specificity:</b>	CD95
<b>Other names:</b>	FAS, TNFRSF6
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	C02-6C8
<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 conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - 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> ) 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml
<b>Immunogen</b>	<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**

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 #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 \(MCA6272GA\)](#)

**North & South** Tel: +1 800 265 7376

**Worldwide** Tel: +44 (0)1865 852 700

**Europe** Tel: +49 (0) 89 8090 95 21

**America** Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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)

'M390623:210924'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)