

Datasheet: MCA6272GA

Description:	MOUSE ANTI HUMAN CD95
Specificity:	CD95
Other names:	Apo-1 antigen, FAS, TNFRSF6
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	E06-1A9
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 - 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)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	<i>E. coli</i> derived recombinant human full length CD95 (Gln26-Val335)
External Database Links	<p>UniProt: P25445 Related reagents</p> <p>Entrez Gene: 355 FAS Related reagents</p>
Synonyms	APT1, FAS1, TNFRSF6
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>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).</p> <p>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).</p> <p>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.</p>
Storage	<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>
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/MCA6272GA 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE

Goat Anti Mouse IgG (STAR70...) [FITC](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

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 (STAR13...) [HRP](#)

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

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Negative Controls

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

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
'M390660:210924'

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