

Datasheet: MCA6222GA

BATCH NUMBER 100005284

Description:	MOUSE ANTI HUMAN CXCL16
Specificity:	CXCL16
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	B06-3H6
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 CXCL16 (Asn49-Pro137)

External Database Links	UniProt: Q9H2A7 Related reagents Entrez Gene: 58191 CXCL16 Related reagents
Synonyms	SCYB16, SRPSOX
Fusion Partners	Cell fusion between immunized BALB/c mouse spleen cells and mouse myeloma SP2/0
Specificity	<p>Mouse anti Human CXCL16 antibody, clone B06-3H6, recognizes C-X-C motif Chemokine 16 (CXCL16). Unlike most chemokines, CXCL16 is a membrane bound ligand anchored through transmembrane domains. Although a soluble form of CXCL16 is generated through proteolytic cleavage. Transmembrane CXCL16 is mainly expressed on macrophages, dendritic cells, B cells and various tumor cells. In this form, it acts as an adhesion molecule though the binding of its receptor CXCR6 expressed on other cells including T cells. Transmembrane CXCL16 also binds gram positive and gram negative bacteria, playing a role in innate and adaptive immune responses (Shimaoka et al. 2003).</p> <p>Soluble CXCL16 has chemoattractant activity, and elicits this response through the receptor CXCR6. There is also mounting evidence suggesting an additional role in tumor progression. With a number of studies suggesting CXCL16 as a biomarker for the evaluation of some tumor type prognoses (Richardson et al. 2015, Shibata et al. 2020, Gooden et al. 2014).</p> <p>The purified Mouse anti Human CXCL16 antibody, clone B06-3H6 (MCA6222GA) can be used as a capture antibody in a sandwich ELISA with the biotinylated Mouse anti Human CXCL16 antibody, clone C19-5F9 (MCA6223B) as the detection antibody.</p>
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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA6222GA 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 IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
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](#)

Recommended Useful Reagents

[MOUSE ANTI HUMAN CXCL16:Biotin \(MCA6223B\)](#)

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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
'M378803:210304'

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