Datasheet: MCA5994GA

Description:	MOUSE ANTI HUMAN CD256
Specificity:	CD256
Other names:	APRIL
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	D05-1D4
Isotype:	IgG2a
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	▪			

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 serum free tissue culture supernatant

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

Immunogen

E. coli derived recombinant protein corresponding to aa 105-250 of human CD256

External Database Links

UniProt:

O75888 Related reagents

Entrez Gene:

8741 TNFSF13 Related reagents

Synonyms	APRIL, TALL2, ZTNF2
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	**Mouse anti Human CD256 antibody, clone D05-1D4** recognizes human CD256, also known as APRIL and TNFSF13. CD256, a 17 kDa soluble protein produced from the 32 kDa type II transmembrane protein by cleavage with furin, is a member of the tumor necrosis factor ligand superfamily (TNFLSF). CD256 and its receptor (TNFRSF17/BCMA) are both important for B-cell development (Langat *et al.* 2008) . It may also be implicated in the regulation of tumor cell growth and monocyte/macrophage-mediated immunological processes. CD256 is expressed in cancers of the colon, thyroid and lymphoid tissues and on monocytes and macrophages (Haiat *et al.* 2006).
Further Reading	1. Haiat, S. *et al.* (2006) Role of BAFF and APRIL in human B-cell chronic lymphocytic leukaemia. Immunology. 118 (3): 281-92. 2. Langat, D.L. *et al.* (2008) Signaling pathways for B cell-activating factor (BAFF) and a proliferation-inducing ligand (APRIL) in human placenta Am J Pathol. 172:1303-11.
Storage	Store at +4^{o}C or at -20^{o}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.
Shelf Life	18 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet documentation #10040 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos., HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos., DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800, FITC, HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR70...)	FITC
Human Anti Mouse IgG2a (HCA037...)	FITC, HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL (MCA929)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	**Worldwide**	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	**Europe**	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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