

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	<i>E. coli</i> derived recombinant protein corresponding to aa 105-250 of human CD256
External Database Links	<p>UniProt: O75888 Related reagents</p> <p>Entrez Gene: 8741 TNFSF13 Related reagents</p>

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	<p>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).</p> <p>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).</p>
Further Reading	<ol style="list-style-type: none"> Haiat, S. <i>et al.</i> (2006) Role of BAFF and APRIL in human B-cell chronic lymphocytic leukaemia. Immunology. 118 (3): 281-92. Langat, D.L. <i>et al.</i> (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	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
Guarantee	18 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

MOUSE IgG2a NEGATIVE CONTROL (MCA929)

North & South Tel: +1 800 265 7376

America 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

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