

Datasheet: MCA5984GA

Description:	MOUSE ANTI HUMAN CD257
Specificity:	CD257
Other names:	BAFF, BLyS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	A01-1A12
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 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 134-285 of human CD257
External Database Links	<p>UniProt: Q9Y275 Related reagents</p> <p>Entrez Gene: 10673 TNFSF13B Related reagents</p>

Synonyms	BAFF, BLYS, TALL1, TNFSF20, ZTNF4
Fusion Partners	Spleen cells from immunized Balb/c mice were fused with cells of the mouse SP2/0 myeloma cell line
Specificity	Mouse anti Human CD257, clone A01-1A12 recognizes CD257, a ~31 kDa protein. CD257 is also known as B cell activating factor (BAFF), tumour necrosis factor superfamily 13B (TNFSF13B), B lymphocyte stimulator (BLyS) and TNF and APOL-related leukocyte expressed ligand. CD257 is a type 2 transmembrane protein which can be cleaved proteolytically to form a soluble protein. CD257 exerts anti-apoptotic effects and promotes B cell survival via CD267 (TACI), CD269 (BCMA) and CD268 (BAFFR) receptors, the latter interaction playing a critical role in the activation, survival, differentiation and proliferation of B cells (Mackay & Schneider, 2009).
Further Reading	1. Mackay, F. & Schneider, P. (2009) Cracking the BAFF code. Nat Rev Immunol. 9 (7): 491-502.
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: 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
Human Anti Mouse IgG2a (HCA037...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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