

Datasheet: MCA4619T

Description:	MOUSE ANTI HUMAN CD257
Specificity:	CD257
Other names:	BAFF, BLyS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	T7-241
Isotype:	IgG1
Quantity:	25 µg

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
Flow Cytometry	▪			1/10 - 1/20
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
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
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Recombinant human CD257.
External Database Links	UniProt: Q9Y275 Related reagents

Entrez Gene:[10673](#) TNFSF13B [Related reagents](#)

Synonyms	BAFF, BLYS, TALL1, TNFSF20, ZTNF4
Specificity	Mouse anti Human CD257 antibody, clone T7-241 recognizes human CD257 otherwise known as BAFF/BLYS. CD257 is a 285 amino acid type II transmembrane protein and member of the tumor necrosis factor (TNF) superfamily of ligands, which acts as a B and T cell stimulator and plays a role in the development of autoimmune diseases such as systemic lupus erythematosus. CD257 is expressed by monocytes, macrophages, T cells and dendritic cells and acts through binding to 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.
Flow Cytometry	Use 10ul of the suggested working dilution to label 1×10^6 cells in 100ul.
References	1. Bossen, C. and Schneider, P. (2006) BAFF, APRIL and their receptors: structure, function and signaling. Seminars in Immunol. 18: 263-275.
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.
Shelf Life	18 months from date of reconstitution.
Health And Safety Information	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 (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR12...)	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
Human Anti Mouse IgG1 (HCA036...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

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
----------------------------------	---	------------------	---	---------------	---

'M288339:160607'

Printed on 08 Jun 2017

© 2017 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)