

Datasheet: MCA1481G

Description:	MOUSE ANTI HUMAN CD75s
Specificity:	CD75s
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	LN-1
Isotype:	IgM
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
Flow Cytometry	■			
Immunohistology - Frozen	■			1/10 - 1/100
Immunohistology - Paraffin (1)	■			
ELISA			■	
Immunoprecipitation			■	
Western Blotting			■	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

(1) This product requires protein digestion pre-treatment of paraffin sections e.g. trypsin or pronase.

Target Species	Human
Species Cross Reactivity	Reacts with: Pig, Mink N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgM - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.05% Sodium Azide
Approx. Protein Concentrations	IgM concentration 0.1mg/ml
Immunogen	Human lymphocytes and SU-DHL4 cell line.

**External Database
Links**

UniProt:

[P15907](#) [Related reagents](#)

Entrez Gene:

[6480](#) ST6GAL1 [Related reagents](#)

Synonyms

SIAT1

Specificity

Mouse anti Human CD75s antibody, clone LN-1 recognizes the human CD75s cell surface antigen, an alpha2,6 - sialylated carbohydrate epitope expressed by mature B cells (especially germinal centre B cells), red blood cells and some epithelial cells.

**Histology Positive
Control Tissue**

Human Tonsil

References

1. Epstein, A.L. *et al.* (1984) Two new monoclonal antibodies (LN-1, LN-2) reactive in B5 formalin-fixed, paraffin-embedded tissues with follicular center and mantle zone human B lymphocytes and derived tumors. [J Immunol. 133 \(2\): 1028-36.](#)
2. Tanimoto, T. & Ohtsuki, Y. (1996) Evaluation of antibodies reactive with porcine lymphocytes and lymphoma cells in formalin-fixed, paraffin-embedded, antigen-retrieved tissue sections. [Am J Vet Res. 57 \(6\): 853-9.](#)
3. Schwartz-Albiez, R. (2002) Carbohydrate and lectin: sections report in Leucocyte Typing VII: white cell differentiation antigens. Edited by Mason, D. *et al.* Oxford University Press. PP149-164.
4. Aasted, B. *et al.* (2007) Reactivity of monoclonal antibodies to human CD antigens with cells from mink. [Vet Immunol Immunopathol. 119: 27-37.](#)

Further Reading

1. Piriou-Guzylack, L. (2008) Membrane markers of the immune cells in swine: an update. [Vet Res. 39: 54.](#)

Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

Please see label for expiry date.

**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 IgM (STAR86...) [RPE](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Goat Anti Mouse IgM (STAR138...) [Alk. Phos.](#)
Human Anti Mouse IgM (HCA040...) [FITC](#), [HRP](#)

Recommended Negative Controls

MOUSE IgM NEGATIVE CONTROL (MCA692)

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

Fax: +49 (0) 89 8090 95 50

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