

## Datasheet: MCA808GA

<b>Description:</b>	MOUSE ANTI RABBIT CD45
<b>Specificity:</b>	CD45
<b>Other names:</b>	LCA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	L12/201
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
Immunohistology - Resin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			

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.

<b>Target Species</b>	Rabbit
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml
<b>Immunogen</b>	Glycoproteins isolated from the T cell line, RL-5
<b>Fusion Partners</b>	Spleen cells from immunised mice were fused with cells of the P3.X63.Ag8-U1 mouse myeloma cell line.
<b>Specificity</b>	MCA808GA shows pan leucocyte reactivity by flow cytometry and immunohistochemistry.  Immunoprecipitation was only obtained after cross linking antibody to the labelled cell surface. This gave a band of 200kDa.
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells or cells or 100ul whole blood. Method sheets are available on request.

## References

1. Jackson, S. *et al.* (1993) Differentiation antigens identify subpopulations of rabbit T and B lymphocytes. Definition by flow cytometry. [J.Exp.Med.157:34-46.](#)
2. Wilkinson, J.M. *et al.* (1984) Cell surface glycoproteins of rabbit lymphocytes: characterisation with monoclonal antibodies. [Mol.Immunol.21:95-103.](#)
3. Wilkinson, J. M. *et al.* (1992) A cytotoxic rabbit T-cell line infected with a gamma-herpes virus which expresses CD8 and class II antigens. [Immunology77:106-108.](#)
4. Wilkinson, J.M. *et al.* (1993) Immunohistochemical identification of leucocyte populations in normal tissue and inflamed synovium of the rabbit. [J.Pathol.170:315-320.](#)
5. Xu, Y. *et al.* (2010) Adenovirus-mediated overexpression of glutathione-s-transferase mitigates transplant arteriosclerosis in rabbit carotid allografts. [Transplantation.89:409-16.](#)
6. Mackenzie, S.M. *et al.* (2006) Immunocontraceptive effects on female rabbits infected with recombinant myxoma virus expressing rabbit ZP2 or ZP3. [BiolReprod.74:511-21.](#)
7. Fenton, M. *et al.* (2001) Cellular senescence after single and repeated balloon catheter denudations of rabbit carotid arteries. [ArteriosclerThrombVascBiol.21:220-6.](#)
8. Liang, H. *et al.* (2009) Comparison of the ocular tolerability of a latanoprost cationic emulsion versus conventional formulations of prostaglandins: an in vivo toxicity assay. [MolVis.15:1690-9.](#)
9. Waclavicek, M. *et al.* (2009) Analysis of the early response to TSST-1 reveals Vbeta-unrestricted extravasation, compartmentalization of the response, and unresponsiveness but not anergy to TSST-1. [JLeukocBiol.85:44-54.](#)
10. Kuznetsov, S.A. *et al.* (2001) Circulating skeletal stem cells. [JCellBiol.153:1133-40.](#)

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## 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.

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## Shelf Life

18 months from date of despatch.

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