

# Datasheet: MCA74EL BATCH NUMBER 150850

escription: RAT ANTI MOUSE CD11b:Low Endotoxi		
Specificity:	CD11b	
Other names:	INTEGRIN ALPHA M CHAIN, MAC-1	
Format:	Low Endotoxin	
Product Type:	Monoclonal Antibody	
Clone:	M1/70.15	
lsotype:	lgG2b	
Quantity:	0.5 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 <u>www.bio-rad-antibodies.com/protocols</u>.

		Yes	No	Not Determined	Suggested Dilution		
	Flow Cytometry				1/50 - 1/100		
	Immunohistology - Frozen	-					
	Immunohistology - Paraffin						
	(1)	-					
	ELISA						
	Immunoprecipitation						
	Western Blotting						
	Immunofluorescence						
	Functional Assays						
	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)PLP fixation is recommended for optimal results, see <u>Whiteland et al.</u> for details						
Target Species	Mouse						
Species Cross	Reacts with: Human, Rabbit						
leactivity			na conditi	ons may vary betweer	n species. Cross		
Reactivity	N.B. Antibody reactivity a	and worki	-	• •	•		
Reactivity	<b>N.B.</b> Antibody reactivity a reactivity is derived from	and worki testing w	ithin our l	aboratories, peer-revie	wed publications or		
Reactivity	N.B. Antibody reactivity a	and worki testing w	ithin our l	aboratories, peer-revie	wed publications or		

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	None present		
Carrier Free	Yes		
Endotoxin Level	< 0.01 EU/ug		
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml		
Immunogen	T cell enriched splenocytes from B10 mice.		
External Database Links	UniProt:         P05555       Related reagents         Entrez Gene:         16409       Itgam       Related reagents		
RRID	AB_2129277		
RRID Fusion Partners	AB_2129277 Spleen cells from immunized DA rats were fused with cells of the NS1/1.Ag4.1 mouse myeloma cell line.		
	Spleen cells from immunized DA rats were fused with cells of the NS1/1.Ag4.1 mouse		

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	and infraorbital nerve through inducing compression of the dorsal horn region at the upper					
	cervical cord in trigeminal neuralgia. <u>Brain Res. 1832: 148842.</u>					
Storage	Store at -20 <sup>o</sup> C only.					
	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.					
-						
Guarantee	12 months from date of despatch					
Health And Safety	Material Safety Datashast degumentation #10162 quailable at					
Information	Material Safety Datasheet documentation #10162 available at:					
	https://www.bio-rad-antibodies.com/SDS/MCA74EL 10162					
	10102					
Regulatory	For research purposes only					
Regulatory	For research purposes only					

## **Related Products**

## **Recommended Secondary Antibodies**

Rabbit Anti Rat IgG (STAR16)	DyLight®800			
Rabbit Anti Rat IgG (STAR17)	<u>FITC</u>			
Goat Anti Rat IgG (STAR72)	HRP			
Goat Anti Rat IgG (STAR69)	FITC			
Goat Anti Rat IgG (STAR73)	RPE			
Rabbit Anti Rat IgG (STAR21)	HRP			
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71) <u>DyLight®550</u> , <u>DyLight®650</u> , <u>DyLight®800</u>				
Goat Anti Rat IgG (STAR131)	<u>Alk. Phos., Biotin</u>			
Recommended Useful Reagents				

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