

Datasheet: MCA2091 BATCH NUMBER 155609

Description:	MOUSE ANTI HUMAN PLACENTAL ALKALINE PHOSPHATASE
Specificity:	PLACENTAL ALKALINE PHOSPHATASE
Other names:	PLAP
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	H17E2
Isotype:	lgG1
Quantity:	0.2 mg

Product Details

Applications	This product has been re derived from testing withi communications from the information. For general p rad-antibodies.com/proto Flow Cytometry Immunohistology - Frozen (1) Immunohistology - Paraffin ELISA Immunoprecipitation Western Blotting Where this antibody has necessarily exclude its us a guide only. It is recomm system using appropriate (1)The epitope recognis formaldehyde fixation a	ported to n our labe originato protocol r <u>cols</u> . Yes not been se in such nended th e negative sed by th and tissu	work in t pratories, prs. Pleas ecommer No • • • • • • • • • • • • • • • • • • •	he following application peer-reviewed publica e refer to references in indations, please visit w Not Determined Not Determined r use in a particular tec ires. Suggested workin er titrates the antibody controls. idy is reported to be s sing. Bio-Rad recomm	ns. This information is tions or personal adicated for further ww.bio- Suggested Dilution 10ug/ml chnique this does not g dilutions are given as for use in their own sensitive to mends the use of
Target Species	Human				
Product Form	Purified IgG - liquid				
Preparation	Purified IgG prepared by	affinity cl	nromatog	raphy on Protein A fror	n tissue culture

supernatant.

Buffer Solution	Phosphate buffered saline	
Preservative Stabilisers	0.09% Sodium Azide	
Carrier Free	Yes	
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml	
Immunogen	Placental membrane.	
External Database Links	UniProt: <u>P05187</u> <u>Related reagents</u> Entrez Gene:	
	250 ALPP Related reagents	
Synonyms	PLAP	
RRID	AB_2226283	
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cell myeloma cell line.	ls of the mouse NS1
Specificity	Mouse anti Human placental alkaline phosphatase antibod human placental alkaline phosphatase, also known as Alkaline isozyme, Alkaline phosphatase, placental type or Placental alka Placental alkaline phosphatase is a 535 amino acid ~67 kDa G transmembrane glycoprotein bearing a 22 amino acid signal per pro-peptide region, cleaved to produce the mature form. Placent expressed in trophoblast cells of normal human placenta (<u>Trave</u> seminomas (<u>Lange <i>et al.</i> 1982</u>)and in ovarian carcinoma (<u>Thola</u> Mouse anti Human placental alkaline phosphatase antibody, cle widely used in immunolocalization studies of germ cell tumors a the measurement of soluble placental alkaline phosphatase by	y, clone H17E2 recognizes phosphatase Regan aline phosphatase 1. PI-anchored eptide and a 29 amino acid ntal alkaline phosphatase is <u>ers <i>et al.</i> 1984</u>), in <u>ander <i>et al.</i> 1990</u>). one H17E2 has been and may also be used for ELISA.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in	100ul.
Histology Positive Control Tissue	Placenta, seminoma	
References	 Travers, P. & Bodmer, W. (1984) Preparation and characteriz antibodies against placental alkaline phosphatase and other hu associated determinants. <u>Int J Cancer. 33 (5): 633-41.</u> Tucker, D.F. <i>et al.</i> (1985) Serum marker potential of placental activity in testicular germ cell tumours evaluated by H17E2 more 	zation of monoclonal ıman trophoblast- ıl alkaline phosphatase-like noclonal antibody assay. <u>Br</u>

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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.		
Guarantee	12 months from date of despatch		
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA2091		

	10040					
Regulato	ry For research pu	For research purposes only				
Relate	d Products					
Recomm	nended Secondary Antibo	dies				
Rabbit A	nti Mouse IgG (STAR12)	RPE	E			
Goat Ant	Mouse IgG IgA IgM (STAR87	') <u>HRF</u>	2			
Goat Ant	Mouse IgG (STAR76)	RPE				
Rabbit A	nti Mouse IgG (STAR13)	HRF	2			
Goat Ant	Mouse IgG (STAR70)	<u>FIT</u>	2			
Goat Ant	Mouse IgG (H/L) (STAR117	.) <u>Alk.</u>	Phos., DyLight®488, [<u>DyLight®550,</u>		
		DyL	ight®650, DyLight®68	0, DyLight®80	<u>0,</u>	
		<u>FIT(</u>	<u>C, HRP</u>			
Rabbit A	nti Mouse IgG (STAR9)	<u>FIT(</u>	2			
Goat Anti Mouse IgG (STAR77) <u>HRP</u>						
Goat Anti Mouse IgG (Fc) (STAR120) <u>FITC</u> , <u>HRP</u>						
Recomm	nended Negative Controls	i				
MOUSE IC	G1 NEGATIVE CONTROL (MC4	928)				
MOOOLI		0201				
lorth & South America	Tel: +1 800 265 7376 Work Fax: +1 919 878 3751	wide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50	
	Email: antibody_sales_us@bio-rad.com		Email: antibody_sales_uk@bio	-rad.com	Email: antibody_sales_de@bio-rad.com	
To find a b	atch/lot specific datasheet for this	s produc	t, please use our online s	search tool at: b	vio-rad-antibodies.com/datasheets	

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