

## Datasheet: 4108-7204

<b>Description:</b>	MOUSE ANTI HUMAN CD41/CD61
<b>Specificity:</b>	CD41/CD61
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	A10-33/1
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.5 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen (1)	▪			1/100 - 1/400
Immunohistology - Paraffin		▪		
ELISA			▪	
Western Blotting	▪			
Immunofluorescence			▪	

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.

**(1)The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.**

<b>Target Species</b>	Human
<b>Species Cross Reactivity</b>	Reacts with: Bovine, Mouse <b>N.B.</b> Antibody reactivity and working conditions may vary between species.
<b>Product Form</b>	Purified IgG - lyophilised
<b>Reconstitution</b>	Reconstitute with 0.5ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.01% Thiomersal

<b>Stabilisers</b>	1.0% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.12 mg/ml after reconstitution.
<b>Immunogen</b>	Human melanoma cell lines.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P08514</a>   <a href="#">Related reagents</a></p> <p><a href="#">P05106</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3674</a>   ITGA2B   <a href="#">Related reagents</a></p> <p><a href="#">3690</a>   ITGB3   <a href="#">Related reagents</a></p>
<b>Synonyms</b>	GP2B, GP3A, ITGAB
<b>RRID</b>	AB_620136
<b>Specificity</b>	<b>Mouse anti Human CD41/CD51 antibody, clone A10-33/1</b> recognizes endothelial cells in various cultures and organs (including lung, liver, gall bladder and skin). It is generally reactive with melanoma, including metastasizing melanomas and in carcinomas. It reacts strongly with purified GPIIb-IIIa which is expressed on platelets but not endothelial cells. Cross reactivity with nervous tissue has also been reported.
<b>Histology Positive Control Tissue</b>	Human Placenta
<b>References</b>	1. Brügggen, J. & Sorg, C. (1983) Detection of phenotypic differences on human malignant melanoma lines and their variant sublines with monoclonal antibodies. <a href="#">Cancer Immunol Immunother. 15 (3): 200-5.</a>
<b>Storage</b>	Prior to reconstitution store at +4°C. After reconstitution 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.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10512 available at: 10512: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10512.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10512.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)  
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (STAR76...) [RPE](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),  
[DyLight@800](#), [FITC](#), [HRP](#)

## Recommended Negative Controls

### [MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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