

Datasheet: 6240-0300

**BATCH NUMBER 158576**

<b>Description:</b>	MOUSE ANTI HUMAN BETA 2 MICROGLOBULIN
<b>Specificity:</b>	BETA 2 MICROGLOBULIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	2213
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	1 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			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	

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 the appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.05% Sodium Azide (NaN <sub>3</sub> ) 10% Glycerol
<b>Approx. Protein</b>	IgG concentration 1.1 mg/ml

## Concentrations

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**Immunogen** Highly pure beta 2 microglobulin from human urine.

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## External Database Links

**UniProt:**

[P61769](#)   [Related reagents](#)

**Entrez Gene:**

[567](#)   B2M   [Related reagents](#)

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**RRID** AB\_620043

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**Fusion Partners** Spleen cells from immunized Balb/c mice were fused with cells of the murine NS-1 myeloma.

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**Specificity** **Mouse anti Human beta 2 microglobulin antibody, clone 2213** recognizes native human beta 2 microglobulin, a 119 amino acid component of MHC class I molecules present on all nucleated cells, containing a single [Ig-like C1 type](#) domain, Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients ([Woo et al. 2014](#)). Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection ([Halota et al. 2002](#)).

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**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information** Material Safety Datasheet documentation #10049 available at: <https://www.bio-rad-antibodies.com/SDS/6240-0300>  
10049

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)   [RPE](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)  
Goat Anti Mouse IgG (STAR76...)   [RPE](#)  
Goat Anti Mouse IgG (STAR70...)   [FITC](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),  
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),  
[FITC](#), [HRP](#)

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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