

## Datasheet: 6240-0354P

<b>Description:</b>	MOUSE ANTI HUMAN BETA 2 MICROGLOBULIN:HRP
<b>Specificity:</b>	BETA 2 MICROGLOBULIN
<b>Format:</b>	HRP
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	B2M-01
<b>Isotype:</b>	IgG2a
<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. 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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA	▪			1/250 - 1/2500
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>Species Cross Reactivity</b>	Does not react with: Mouse, Dog, Rabbit, Chicken, Bovine
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
<b>Preparation</b>	Purified IgG prepared from ascites using sequential precipitation using caprylic acid and ammonium sulphate.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Thiomersal HRP Stabiliser ( <a href="#">BUF052A</a> )
<b>Approx. Protein</b>	IgG concentration 1.0 mg/ml

**Concentrations**

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**Immunogen** 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\_2062750

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**Specificity** **Mouse anti Human beta 2 Microglobulin antibody, clone B2M-01** recognizes native beta 2 microglobulin which is a component of MHC class I molecules, which are present on all nucleated cells. Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients. Also known as B2M, it has been suggested that this protein can be used as a prognostic marker for HIV infection.

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**References** 1. Hilgert, I. *et al.* (1984) The Use of Murine Monoclonal Antibody B2M-01 for Detection and Purification of Human beta 2- microglobulin. [Folia Biologica \(Praha\) 30: 369-376.](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10131 available at:  
10131: <https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf>

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**Regulatory** For research purposes only

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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://www.bio-rad-antibodies.com/datasheets)  
'M363344:200528'

**Printed on 22 Sep 2021**

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