

Datasheet: 6240-0354P

Description:	MOUSE ANTI HUMAN BETA 2 MICROGLOBULIN:HRP
Specificity:	BETA 2 MICROGLOBULIN
Format:	HRP
Product Type:	Monoclonal Antibody
Clone:	B2M-01
Isotype:	IgG2a
Quantity:	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.

	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.

Target Species	Human
Species Cross Reactivity	Does not react with: Mouse, Dog, Rabbit, Chicken, Bovine
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Preparation	Purified IgG prepared from ascites using sequential precipitation using caprylic acid and ammonium sulphate.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Thiomersal HRP Stabiliser (BUF052A)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified isolated human B2-microglobulin
External Database	UniProt:

Links

[P61769](#) [Related reagents](#)

Entrez Gene:

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

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.
References	1. Hilgert, I. <i>et al.</i> (1984) The Use of Murine Monoclonal Antibody B2M-01 for Detection and Purification of Human beta 2- microglobulin. Folia Biologica (Praha) 30: 369-376.
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.
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10131 available at: 10131: https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf
Regulatory	For research purposes only

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