

Datasheet: 6240-0134

Description:	SHEEP ANTI HUMAN BETA 2 MICROGLOBULIN
Specificity:	BETA 2 MICROGLOBULIN
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.25 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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			1/25 - 1/400
Immunohistology - Paraffin			▪	
ELISA	▪			1/1000 - 1/4000
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.

Target Species Human

Product Form Serum - liquid

Antiserum Preparation Antisera to human beta 2 microglobulin were raised by repeated immunisation of sheep with highly purified antigen. Whole serum is supplied.

Preservative Stabilisers 0.09% Sodium Azide (NaN₃)

Immunogen Purified beta 2 microglobulin from human urine.

External Database Links

UniProt:

[P61769](#)

[Related reagents](#)

Entrez Gene:[567](#) B2M [Related reagents](#)

RRID AB_620384

Specificity **Sheep anti Human beta 2 microglobulin antibody** recognizes native beta 2 microglobulin, a component of MHC class I molecules, present on all nucleated cells. Levels of beta 2 microglobulin can be used to assess renal function in kidney transplant recipients ([Sasaki et al. 1997](#)). Also known as B2M, this protein can be used as a prognostic marker for HIV infection ([Fahey et al. 1990](#)).

Sheep anti Human beta 2 microglobulin antibody shows minimal reactivity with related serum and urinary proteins.

Sheep anti Human beta 2 microglobulin antibody has not been cross-absorbed, so may react with beta 2 microglobulin from other species.

Storage 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.

Guarantee 18 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10081 available at:
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)Donkey Anti Sheep IgG (STAR88...) [DyLight®488](#), [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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