



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Sheep Anti-Human beta-2 Microglobulin

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00252

Target Species
Human

Isotype
Polyclonal IgG

Preparation

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

Immunogen: Purified beta 2 microglobulin from human urine.

Specificity

This product recognises 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.

This product shows minimal reactivity with related serum and urinary proteins.

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

Formulation

Product Type: Polyclonal Antibody

Product Form: Serum - liquid

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunohistology - Frozen	•			1/25 - 1/400
Immunohistology - Paraffin			•	
ELISA	•			1/1000 - 1/4000
Western Blotting			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined.

The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.



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Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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.

Shelf Life: 18 months from date of despatch.

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