

## ARG10207 anti-beta 2 Microglobulin antibody [D3A2] (HRP)

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	HRP-conjugated Mouse Monoclonal antibody [D3A2] recognizes Human beta 2 microglobulin (B2MG)
Tested Reactivity	Hu
Tested Application	ELISA
Host	Mouse
Clonality	Monoclonal
Clone	D3A2
Isotype	IgG1, kappa
Target Name	beta 2 Microglobulin
Species	Human
Immunogen	Highly purified beta 2 microglobulin from human urine
Conjugation	HRP
Alternate Names	Beta-2-microglobulin

### Application Instructions

Application Note	<p>ELISA: In combination with capture antibody, anti-B2MG mAb D2E9 (Cat No. ARG10206), the HRP conjugated antibody can be used as tracer antibody to detect human B2MG in Sandwich ELISA.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>
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### Properties

Form	Liquid
Purification	Protein G affinity purified
Buffer	0.01M PBS (pH 7.2) and 50% Glycerol
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Keep the antibody in the dark and keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

### Bioinformation

Database links	<a href="#">GeneID: 567 Human</a>
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[Swiss-port # P61769 Human](#)

Gene Symbol	B2M
Gene Full Name	beta-2-microglobulin
Background	Human beta 2 microglobulin (B2MG) is a component of major histocompatibility complex 1 (MHC1). It is abundant at the surface of lymphocytes and exists at the surface of all cell types except red cells. B2MG is normally filtered out of blood through glomeruli, but the process is impaired in patients with renal diseases. Elevated B2MG levels are implicated with lymphoma, multiple myeloma, renal diseases, viral infections and auto-immune conditions.
Function	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. [UniProt]
Highlight	Related Antibody Duos and Panels: <a href="#">ARG30078 Beta 2 Microglobulin ELISA Antibody Duo</a> Related products: <a href="#">beta 2 Microglobulin antibodies</a> ; <a href="#">beta 2 Microglobulin ELISA Kits</a> ; <a href="#">beta 2 Microglobulin Duos / Panels</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ;
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody
Calculated Mw	14 kDa
PTM	Glycation of Ile-21 is observed in long-term hemodialysis patients.