

产品名称: beta 2 Microglobulin (18W13) Rabbit Monoclonal Antibody
产品货号: AMRe07538



产品概述 (Summary)

产品名称 (Production Name)	beta 2 Microglobulin (18W13) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, FC, IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	B2M
别名 (Alternative Names)	B2MG; Beta 2 microglobin; Beta 2 microglobulin; Beta-2-microglobulin form pl 5.3; CDABP0092; Hdcma22p;
基因 ID (Gene ID)	567.0
蛋白 ID (SwissProt ID)	P61769.A synthetic peptide of human beta 2 Microglobulin

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:50-1:200, FC 1:20-1:50, IP 1:20-1:50
蛋白分子量 (Molecular Weight)	14kDa

产品名称: beta 2 Microglobulin (18W13) Rabbit Monoclonal Antibody
产品货号: AMRe07538

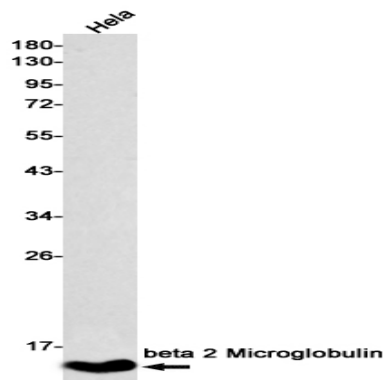
研究背景 (Background)

Major histocompatibility complex (MHC) class 1 molecules bind to antigens for presentation on the surface of cells. The proteasome is responsible for producing these antigens from the components of foreign pathogens. MHC class 1 molecules consist of an a heavy chain that contains three subdomains ($\alpha 1$, $\alpha 2$, $\alpha 3$), and a non-covalent associating light chain, known as β -2-Microglobulin. Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. Exogenously applied M.tuberculosis EsxA or EsxA-EsxB (or EsxA expressed in host) binds B2M and decreases its export to the cell surface (total protein levels do not change), probably leading to defects in class I antigen presentation (PubMed: <http://www.uniprot.org/citations/25356553> target="_blank">25356553).

研究领域 (Research Area)

Cardiovascular

图片 (Image Data)



Western blot detection of beta 2 Microglobulin in HeLa cell lysates using beta 2 Microglobulin antibody(1:500 diluted).

注意事项 (Note)

For research use only .