

Recombinant CD23 (Fc Epsilon RII) Antibody

Rabbit Monoclonal Antibody [Clone FCER2/16936R]

Catalog No	Format	Size
2208-RBM27-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2208-RBM27-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2208-RBM27-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details	
Clone	FCER2/16936R
Immunogen	Recombinant fragment (around aa48-321) of the human CD23 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	36.47kDa
Cellular Localization	Cell membrane, Secreted
Species Reactivity	Human
Positive Control	Detected in urine (at protein level)

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant CD23 (Fc Epsilon RII) Antibody

Specificity & Comments

Low-affinity receptor for immunoglobulin E (IgE) and CR2/CD21. Has essential roles in the regulation of IgE production and in the differentiation of B cells. On B cells, initiates IgE-dependent antigen uptake and presentation to T cells (PubMed:2167225). On macrophages, upon IgE binding and antigen cross-linking induces intracellular killing of parasites through activation of L-Arginine-nitric oxide pathway (PubMed:7544003).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.