

Product Datasheet

Recombinant FCER2 Antibody / CD23 (orb2636321)

Catalog Number	orb2636321
Category	Antibodies
Description	<p>CD23 (FCER2) is a type II integral membrane glycoprotein that is expressed on mature B cells, monocytes, eosinophils, platelets and dendritic cells. FCER2 is a low affinity IgE receptor that mediates IgE-dependent cytotoxicity and phagocytosis by macrophages and eosinophils. FCER2 associates as an oligomer where cooperative binding of at least two lectin domains is required for high affinity IgE binding to FCER2. It may play a role in antigen presentation by B cells by interacting with CD40. FCER2 has been shown to be associated with the Fyn tyrosine kinase. The truncated molecule can be secreted, then function as a potent mitogenic growth factor. FCER2 is expressed on a subpopulation of peripheral blood cells, B-lymphocytes and on EBV transformed B lymphoblastoid cell lines. FCER2 is also detected in neoplastic cells from cases of B cell chronic lymphocytic leukemia and some cases on centroblastic/centrocytic lymphoma.</p>
Clonality	Recombinant
Species/Host	Rabbit
Isotype	Rabbit IgG, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	A recombinant fragment (within amino acids 48-321) of human FCER2/CD23 protein was used as the immunogen for the FCER2 antibody.
UniProt ID	P06734

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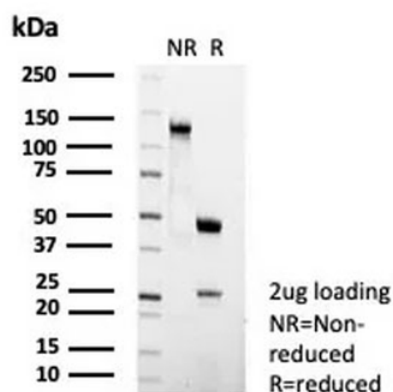
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Tested applications	IHC-P
Dilution range	Immunohistochemistry (FFPE): 1-2ug/ml
Application notes	Optimal dilution of the FCER2 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	FCER2/6474R
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



SDS-PAGE analysis of purified, BSA-free FCER2 antibody (clone FCER2/6474R) as confirmation of integrity and purity.

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