

Anti-CD21 CR2 Antibody

Catalog Number: A01632-1

About CR2

Produces nitric oxide (NO) which is implicated in vascular smooth muscle relaxation through a cGMP-mediated signal transduction pathway. NO mediates vascular endothelial growth factor (VEGF)-induced angiogenesis in coronary vessels and promotes blood clotting through the activation of platelets.

Fulton, D. et al. (1999) Nature 399, 597-601.

Harris, M.B. et al. (2001) J. Biol. Chem. 276, 16587-16591.

Thomas, S.R. et al. (2002) J. Biol. Chem. 277, 6017-6024.

Overview

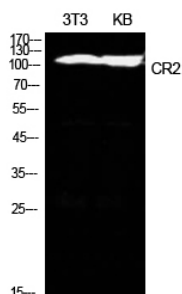
Product Name	Anti-CD21 CR2 Antibody
Reactive Species	Human
Description	Boster Bio Anti-CD21 CR2 Antibody catalog # A01632-1. Tested in IHC, WB applications. This antibody reacts with Human.
Application	IHC, WB
Clonality	Monoclonal 2C5
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P20023

Technical Details

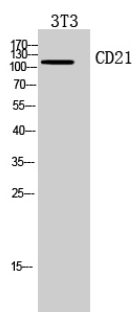
Immunogen	Synthesized peptide derived from the Internal region of human CD21.
Predicted Reactive Species	Canine
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.

Purification	Immunogen affinity purified
Suggested Dilutions	<p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB, 1:500-1:2000</p> <p>IHC-P, 1:100-1:300</p>

Anti-CD21 CR2 Antibody (A01632-1) Images



Western Blot (WB) analysis of NIH-3T3, KB cells using CD21 Polyclonal antibody.



Western Blot (WB) analysis of 3T3 cells using CD21 Polyclonal antibody.



Immunohistochemistry (IHC) analysis of paraffin-embedded Human Tonsils, antibody was diluted at 1:100.

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