BOSTER BIOLOGICAL TECHNOLOGY
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Anti-REG3G Antibody

Catalog Number: M05473

About REG3G

Bactericidal C-type lectin which acts exclusively against Gram-positive bacteria and mediates bacterial killing by binding to surface-exposed carbohydrate moieties of peptidoglycan. Restricts bacterial colonization of the intestinal epithelial surface and consequently limits activation of adaptive immune responses by the microbiota. The uncleaved form has bacteriostatic activity, whereas the cleaved form has bactericidal activity against L.monocytogenes and methicillin-resistant S.aureus. Regulates keratinocyte proliferation and differentiation after skin injury.

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Overview

Product Name	Anti-REG3G Antibody
Reactive Species	Human
Description	Boster Bio Anti-REG3G Antibody (Catalog # M05473). Tested in WB, IHC-P application(s). This antibody reacts with Human.
Application	IHC-P, WB
Clonality	Monoclonal 1790CT313.66.2
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	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.
Host	Mouse
Uniprot ID	Q6UW15

Technical Details

Immunogen	This REG3G antibody is generated from a mouse immunized with a recombinant protein of human REG3G.
Predicted Reactive Species	Rat
Isotype	IgG1,k

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Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	WB: 1:1000 IHC-P: 1:25

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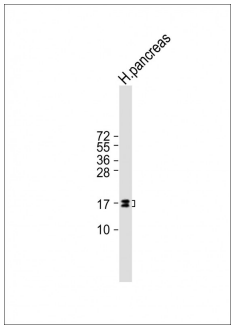
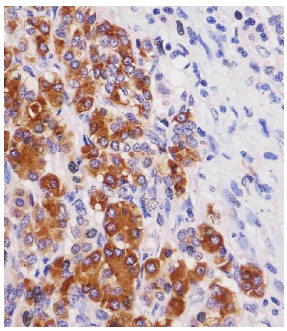
Anti-REG3G Antibody (M05473) Images



Anti-REG3G Antibody at 1:1000 dilution + Human pancreas lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 19 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M05473 staining REG3G in human pancreas tissue sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

Anti-REG3G Antibody

For Research Use Only. Not for use in diagnostic procedures.