

For Research Use Only

SMR3B Recombinant monoclonal antibody

Catalog Number: 85745-3-RR



Basic Information

Catalog Number:

85745-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3081

GenBank Accession Number:

NM_006685.4

GeneID (NCBI):

10879

UNIPROT ID:

P02814

Full Name:

submaxillary gland androgen regulated protein 3B

Calculated MW:

8 kDa

Observed MW:

8 kDa

Purification Method:

Protein A purification

CloneNo.:

242868D3

Recommended Dilutions:

WB: 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : human saliva, human saliva tissue

Background Information

SMR3B is an androgen-regulated secreted PRP-family peptide produced primarily in the submandibular and sublingual glands. Released into saliva, it contributes to lubrication, oral defense, and glandular homeostasis. Highly tissue-specific, SMR3B serves as a marker of salivary gland function and is altered in xerostomia, Sjögren's syndrome, and head-and-neck cancers, highlighting its relevance in secretory physiology and disease.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

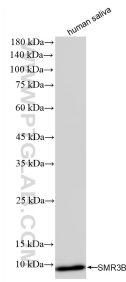
T: 4006900926

E: Proteintech-CN@ptglab.com

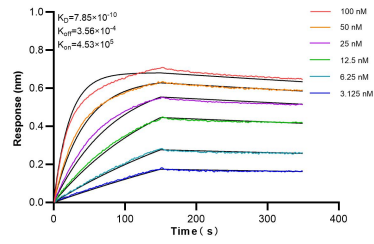
W: ptgcn.com

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Selected Validation Data



human saliva were subjected to SDS PAGE followed by western blot with 85745-3-RR (SMR3B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85745-3-RR against Human SMR3B were performed. The affinity constant is 0.785 nM.