

For Research Use Only

PAX9 Recombinant monoclonal antibody, PBS Only

Catalog Number:87678-3-PBS



Basic Information

Catalog Number:

87678-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25381

GenBank Accession Number:

BC001159

GeneID (NCBI):

5083

UNIPROT ID:

P55771

Full Name:

paired box 9

Calculated MW:

341 aa, 36 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

253236E6

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

PAX9, a member of the paired box-containing gene family, is closely related in its paired domain to PAX1. PAX9 is essential for the development of a variety of organs and skeletal elements, particularly the initial stage of odontogenesis. Mutations in PAX9 can cause selective tooth agenesis in humans. PAX9 is reported as a sensitive marker for deregulated differentiation of oesophageal keratinocytes, and it has a role in the normal differentiation process of internal stratified squamous epithelia.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

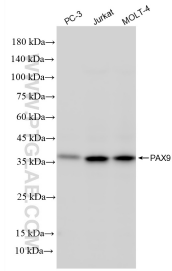
T: 4006900926

E: Proteintech-CN@ptglab.com

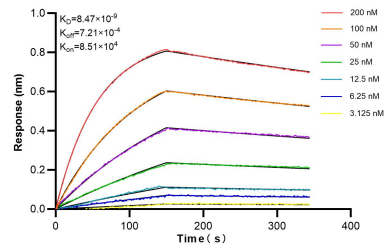
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87678-3-RR (PAX9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87678-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 87678-3-RR against Human PAX9 were performed. The affinity constant is 8.47 nM.