

For Research Use Only

PAX9 Recombinant monoclonal antibody

Catalog Number: 87678-3-RR



Basic Information

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|---|--|---|
| Catalog Number: 87678-3-RR | GenBank Accession Number: BC001159 | Purification Method: Protein A purification |
| Source: Rabbit | GeneID (NCBI): 5083 | CloneNo.: 253236E6 |
| Isotype: IgG | UNIPROT ID: P55771 | Recommended Dilutions: WB: 1:500-1:2000 |
| Immunogen Catalog Number: AG25381 | Full Name: paired box 9 | |
| | Calculated MW: 341 aa, 36 kDa | |
| | Observed MW: 38 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : PC-3 cells, Jurkat cells, MOLT-4 cells |
| 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 -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:

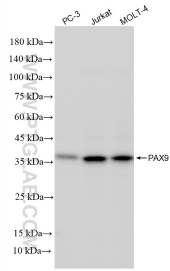
T: 4006900926

E: Proteintech-CN@ptglab.com

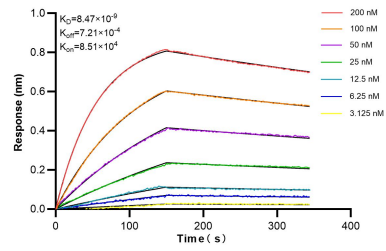
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Selected Validation Data



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.



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