

# PAX4 Monoclonal antibody

Catalog Number: 66064-1-Ig

## Basic Information

**Catalog Number:**

66064-1-Ig

**Size:**

150ul , Concentration: 527 µg/ml by Bradford method using BSA as the standard;

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG17007

**GenBank Accession Number:**

BC074761

**GeneID (NCBI):**

5078

**UNIPROT ID:**

O43316

**Full Name:**

paired box 4

**Calculated MW:**

343 aa, 37 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1B2C6

## Applications

**Tested Applications:**

ELISA

**Species Specificity:**

human

## Background Information

PAX4, a paired-box transcription factor, is a key regulator of pancreatic islet cell growth and differentiation. Differentiation of endoderm-derived endocrine pancreas is mediated through PAX4 and PAX6. PAX4 may act as a PAX6 repressor due to the competition for binding sites and lower transactivation potential of Pax-4. PAX4 has the potential to function as a tumor suppressor in human melanoma.

## Storage

**Storage:**

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

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

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