

PAX4 Monoclonal antibody

Catalog Number: 66064-1-Ig

Basic Information

Catalog Number:

66064-1-Ig

Size:

530 µg/ml

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

