

PAX6 Antibody FITC Conjugated

Catalog No: #C01013F

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Description

Product Name	PAX6 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt, ICC, IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 54-103 422 derived from human PAX6
Conjugates	FITC
Target Name	PAX6
Other Names	AN; AN2; FVH1; MGDA; WAGR; D11S812E; Paired box protein Pax-6; Aniridia type II protein; Oculorhombin; PAX6
Accession No.	Swiss-Prot#P26367NCBI Gene ID5080
Uniprot	P26367
GeneID	5080;
Excitation Emission	494nm 518nm
Cell Localization	Nucleus
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test ICC=1:50-200 IF=1:50-200

Background

Transcription factor with important functions in the development of the eye, nose, central nervous system and pancreas. Required for the differentiation of pancreatic islet alpha cells (By similarity). Competes with PAX4 in binding to a common element in the glucagon, insulin and somatostatin promoters. Regulates specification of the ventral neuron subtypes by establishing the correct progenitor domains (By similarity). Isoform 5a appears to function as a molecular switch that specifies target genes.

Note: This product is for in vitro research use only