

PAX2 (AB2373) mouse mAb

W0141

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- IHC; IF; ELISA

MW

- 45 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

IHC; IF; ELISA

Dilution

IHC, 1:200-1:1000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL.

Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB2373

Immunogen A synthetic peptide corresponding to the amino acid region 150 - 250 of the human PAX2 protein.

Specificity This antibody detects endogenous levels of PAX2 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name Paired box protein Pax-2

Protein Name PAX2

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q02962	5076

Background paired box 2 (PAX2) Homo sapiens PAX2 encodes paired box gene 2, one of many human homologues of the Drosophila melanogaster gene prd. The central feature of this transcription factor gene family is the conserved DNA-binding paired box domain. PAX2 is believed to be a target of transcriptional suppression by the tumor suppressor gene WT1. Mutations within PAX2 have been shown to result in optic nerve colobomas and renal hypoplasia. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Dec 2014],