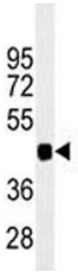
# PAX6 Antibody [clone 193CT15.2.2] (F40243)

| Catalog No. | Formulation | Size |
|---|---|---|
| F40243-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F40243-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | Please inquire |
| **Species Reactivity** | Human |
| **Predicted Reactivity** | Bovine, Mouse |
| **Format** | Purified |
| **Host** | Mouse |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgM, k |
| **Clone Name** | 193CT15.2.2 |
| **Purity** | Purified |
| **UniProt** | P26367 |
| **Applications** | Western blot: 1:100-1:1000 |
| **Limitations** | This PAX6 antibody is available for research use only. |




PAX6 antibody western blot analysis in 293 lysate. Predicted molecular weight ~48kDa.

## Description

This gene encodes paired box gene 6, one of many human homologs of the Drosophila melanogaster gene prd. In addition to the hallmark feature of this gene family, a conserved paired box domain, the encoded protein also contains a homeo box domain. Both domains are known to bind DNA, and function as regulators of gene transcription. This gene is expressed in the developing nervous system, and in developing eyes. Mutations in this gene are known to cause ocular

disorders such as aniridia and Peter's anomaly. Alternatively spliced transcript variants encoding either the same or different isoform have been found for this gene. [provided by RefSeq].

## Application Notes

Titration of the PAX6 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

This PAX6 antibody was produced from a mouse immunized with PAX6 recombinant protein.

## Storage

Aliquot the PAX6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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