

**Recombinant****DGRmAb®****PAX6 (DGR11995) Rabbit mAb****db13609****Package : 10µL 20µL 50µL 100µL****Product Name :** PAX6 (DGR11995) Rabbit mAb**Cat.No.:** db13609**Synonyms :** AN; AN2; FVH1; MGDA; WAGR; ASGD5; D11S812E**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a homeobox and paired domain-containing protein that binds DNA and functions as a regulator of transcription. Activity of this protein is key in the development of neural tissues, particularly the eye. This gene is regulated by multiple enhancers located up to hundreds of kilobases distant from this locus. Mutations in this gene or in the enhancer regions can cause ocular disorders such as aniridia and Peter's anomaly. Use of alternate promoters and alternative splicing result in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2015]

**Immunogen**

Recombinant protein of human PAX6

**Gene ID**

5080

**Swiss Prot**

P26367

**Synonyms**

AN; AN2; FVH1; MGDA; WAGR; ASGD5; D11S812E

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**

WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:100-1:200

**Calculated MW**

47 kDa

**Observed MW**

47 kDa

**Host species**

Rabbit

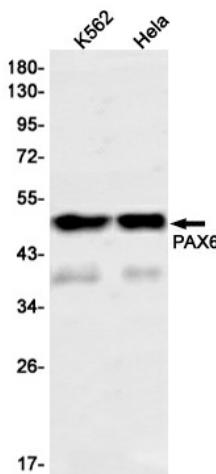
**Clonality**

Monoclonal

**Clonality No.**

DGR11995

|                          |   |
|--------------------------|---|
| <b>Isotype</b>           | IgG   |
| <b>Purity</b>            | Affinity Purification   |
| <b>Conjugation</b>       | Un-conjugated   |
| <b>Storage Stability</b> | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |



Western blot detection of PAX6 in K562,HeLa cell lysates using PAX6 antibody(1:1000 diluted).