

**Recombinant****DGRmAb®****PAX6 (DGR11995) Rabbit mAb (PBS Only)****db13609-PBS****Package : 100µg****Product Name :** PAX6 (DGR11995) Rabbit mAb (PBS Only)**Cat.No.:** db13609-PBS**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

**Calculated MW**

47 kDa

**Observed MW**

47 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR11995

**Isotype**

IgG

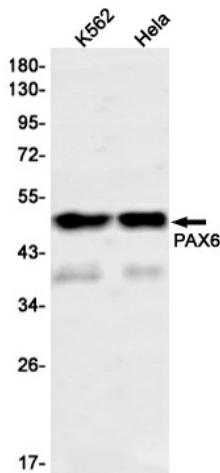
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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