

Recombinant

DGRmAb®

**SOX2 (DGR18187) Rabbit mAb**

db16528

Package : 10µL 20µL 50µL 100µL

**Product Name** : SOX2 (DGR18187) Rabbit mAb**Cat.No.:** db16528**Synonyms** : ANOP3; MCOPS3; Transcription factor SOX-2**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human SOX2

**Gene ID**

6657

**Swiss Prot**

P48431

**Synonyms**

ANOP3; MCOPS3; Transcription factor SOX-2

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Recommended dilution**WB: 1:1000  
IHC-P: 1:200-1:500  
ICC/IF: 1:200  
FC: 1:500-1:1000**Calculated MW**

34 kDa

**Observed MW**

37 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR18187

<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 analysis of extracts from MCF-7 cells using db16528 at 1:100.

