

Recombinant

DGRmAb®

SOX2 (DGR18187) Rabbit mAb (PBS Only)

db16528-PBS

Package : 10µg 100µg

Product Name : SOX2 (DGR18187) Rabbit mAb (PBS Only)**Cat.No.:** db16528-PBS**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

Calculated MW

34 kDa

Observed MW

37 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR18187

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	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 analysis of extracts from MCF-7 cells using [db16528](#) at 1:100.

