

Product Datasheet

TGF beta 1 antibody (orb76826)

Description

Mouse monoclonal antibody to TGF beta 1

Species/Host

Mouse

Reactivity

Bovine, Human, Mink, Mouse, Rabbit, Rat, Sheep

Conjugation

Unconjugated

Tested

ELISA, IHC-Fr, IHC-P, WB

Applications

Immunogen

TGF-beta from human platelets

Target

TGF beta1

Preservatives

Whole IgG in 0.01M PBS, pH 7.0

Concentration

1mg/ml

Note

For research use only

Application notes

Sp2/0 Ag.14

Isotype

IgG1

Clonality

Monoclonal

Uniprot ID

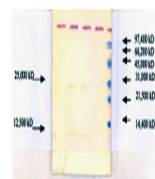
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Dilution Range

Neutralizing: This antibody neutralizes TGF-beta activity in vitro, in an inhibition assay of CCL/64 cell growth and neutralizes the growth promoting action of TGF-beta in the NRK-49F colony forming assay. The effect of microinjection of this antibody into one blastomere of two cell stage Xenopus embryos indicated that it was able to neutralize effectively the bioactivity of TGF-beta in vivo. IHC: This antibody has been used to demonstrate TGF-beta in ovine ovarian tissue and human breast carcinoma at a dilution of 1:1000. As a consequence of the intense staining of the erythrocytes it is possible to locate a single cell within the ovarian stroma making it useful in locating very fine capillary networks within tissue. Western Blotting: This antibody when used at an antibody concentration of 5--20 ng/mL will allow visualization of 100 ng/lane of TGF-beta.

Expiration Date

12 months from date of receipt.



Western blot analysis of TGF beta-21 using the antibody.