

Recombinant

DGRmAb®

TGF alpha (DGR14329) Rabbit mAb

db11614

Package : 10µL 20µL 50µL 100µL

Product Name : TGF alpha (DGR14329) Rabbit mAb**Cat.No.:** db11614**Synonyms** : TFGA**Application** : WB, IHC-P, ICC/IF, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Immunogen

Recombinant protein of human TGF alpha

Gene ID

7039

Swiss Prot

P01135

Synonyms

TFGA

Reactivity

Human

Application

WB, IHC-P, ICC/IF, IP

Recommended dilution

WB: 1:1000

IHC-P: 1:500-1:2000

ICC/IF: 1:100

IP: 1:20-1:50

Calculated MW

17 kDa

Observed MW

17 kDa

Host species

Rabbit

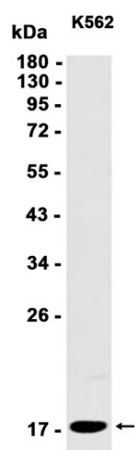
Clonality

Monoclonal

Clonality No.

DGR14329

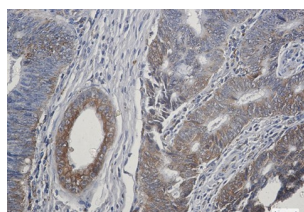
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



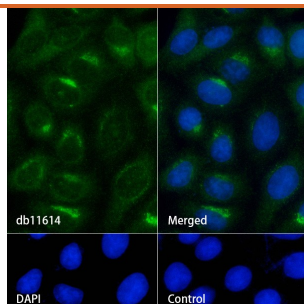
Western blot analysis of extracts from K562 cells using db11614 at 1:1000.



Western blot analysis of extracts from HeLa cells using db11614 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using db11614 antibody.



Immunofluorescence analysis of HepG2 cells labelling TGF alpha with db11614.

The cells were fixed with cold 100% methanol (10min, 4°C) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11614 (1:100) at room temperature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.