Recombinant DGRmAb®

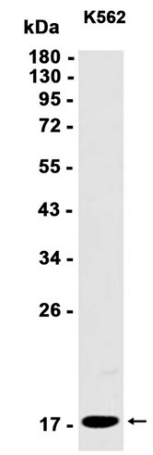
TGF alpha (DGR14329) Rabbit mAb

db11614 **Package : 10μL 20μL 50μL 100μL**

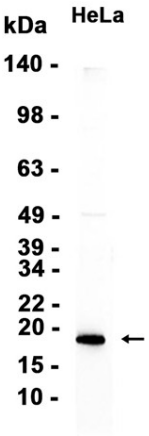
Product Name : TGF alpha (DGR14329) Rabbit mAb
Cat.No.: db11614
Synonyms : TFGA
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human
Host species : Rabbit

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

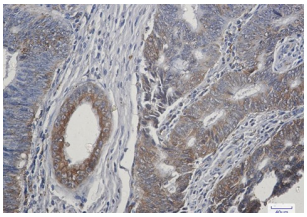
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



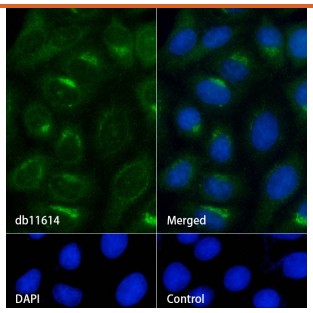
Western blot analysis of extracts from K562 cells using db11614 at 1:1000.



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℃) 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 temprature 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.