Recombinant DGRmAb®

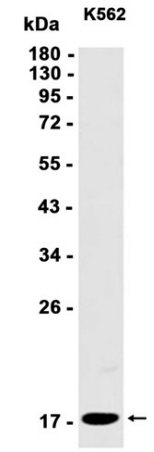
TGF alpha (DGR14329) Rabbit mAb (PBS Only)

db11614-PBS **Package : 10μg 100μg**

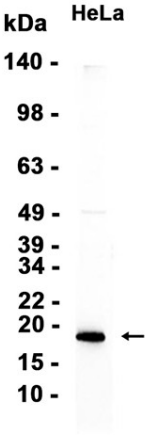
Product Name : TGF alpha (DGR14329) Rabbit mAb (PBS Only)
Cat.No.: db11614-PBS
Synonyms : TFGA
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human
Host species : Rabbit

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
Calculated MW	17 kDa
Observed MW	17 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14329
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

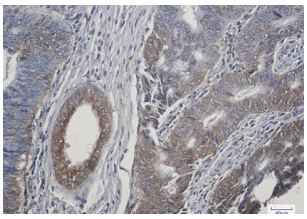
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



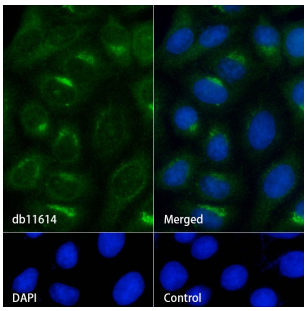
Western blot analysis of extracts from K562 cells using db11614 at 1:1000.



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.