10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TGF alpha Antibody

Rabbit mAb
Catalog # AP91796

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P01135
Reactivity	Human
Clonality	Monoclonal
Other Names	ETGF; TFGA; TGF A; TGF-alpha; Tgfa; Wa1; Waved 1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	17006

Additional Information

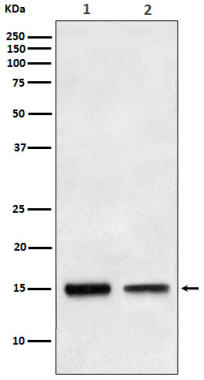
Dilution	WB 1:500~1:1000 IHC 1:100~1:500 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human TGF alpha
Description	TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	TGFA
Function	TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor/EGFR and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Cellular Location	[Transforming growth factor alpha]: Secreted, extracellular space
Tissue Location	Isoform 1, isoform 3 and isoform 4 are expressed in keratinocytes and tumor-derived cell lines

Images

Western blot analysis of TGF alpha expression in (1) HepG2 cell lysate; (2) Human fetal liver lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.