

Catalog	Unit
TBS10373-0.5MG	0.5 mg
TBS10373-1MG	1 mg
TBS10373-5MG	5 mg

Description

Tribioscience in vivo Anti-Human TGFA/TGF-alpha Antibody is a monoclonal antibody that specifically targets human Transforming Growth Factor alpha (TGFA), which is a growth factor that binds the EGFR receptor to drive cell proliferation and signaling. TGFA is heavily studied in cancer biology because it is frequently overexpressed in multiple tumor types (including lung, pancreatic, cervical, gastrointestinal, and others), where it promotes tumor cell proliferation, invasion, and poor prognosis, and is being explored as a therapeutic target (e.g., antibody-drug conjugates against TGF- α showing antitumor activity) or as a biomarker for cancer progression. High TGFA expression has been correlated with tumor growth, epithelial-mesenchymal transition (EMT) and activation of oncogenic pathways, and its modulation impacts cancer cell behaviors and patient outcomes in diseases such as non-small cell lung cancer, pancreatic adenocarcinoma, and cervical cancer

Synonyms

TGF-alpha Antibody, Anti-TGF alpha Antibody, Human TGF- α Antibody.

Product Details

Applications:	ELISA, Neutralization
Species reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Target:	ETGF, Protransforming growth factor alpha, TGF type 1, TGFA, EGF-like TGF, TGF-alpha.
Uniprot:	P01135
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

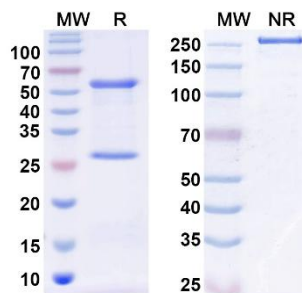


Fig. 1. SDS-PAGE for InVivoMAb Anti-Human TGFA/TGF-alpha
 MW: Molecular Weight (kDa) Marker. R: Reducing conditions. NR: Non-Reducing conditions.

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