BOSTER BIOLOGICAL TECHNOLOGY
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Anti-TGF alpha Monoclonal Antibody

Catalog Number: M01779-1

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Overview

Product Name	Anti-TGF alpha Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-TGF alpha Monoclonal Antibody catalog # M01779-1. Tested in WB, IHC, ICC/IF, IP applications. This antibody reacts with Human.
Application	IP, IF, IHC, ICC, WB
Clonality	Monoclonal AEGF-20
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P01135

Technical Details

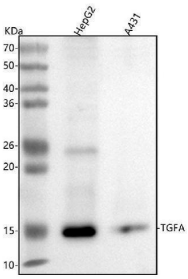
Immunogen	A synthesized peptide derived from human TGF alpha TGF alpha is a mitogenic polypeptide that is able to bind to the EGF receptor and to act synergistically with TGF beta to promote anchorage-independent cell proliferation in soft agar.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography

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Suggested Dilutions	WB, 1:500-2000 IHC, 1:50-200 ICC/IF, 1:50-200 IP, 1:50

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Anti-TGF alpha Monoclonal Antibody (M01779-1) Images



Western blot analysis of TGFA using anti-TGFA antibody (M01779-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates, Lane 2: human A431 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-TGFA antigen affinity purified monoclonal antibody (Catalog # M01779-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for TGFA at approximately 17 kDa. The expected band size for TGFA is at 17 kDa.

Anti-TGF alpha Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.