

Datasheet for ABIN6242879  
**anti-TGFA antibody (AA 118-150)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	200 µL
Target:	TGFA
Binding Specificity:	AA 118-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TGFA antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB)

## Product Details

Immunogen:	This TGFA antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 118-150 amino acids from the human region of human TGFA.
Clone:	RB56968
Isotype:	Ig Fraction
Predicted Reactivity:	M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TGFA
Alternative Name:	TGFA ( <a href="#">TGFA Products</a> )

## Target Details

Background:	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.
UniProt:	<a href="#">P01135</a>
Pathways:	<a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">EGFR Signaling Pathway</a>

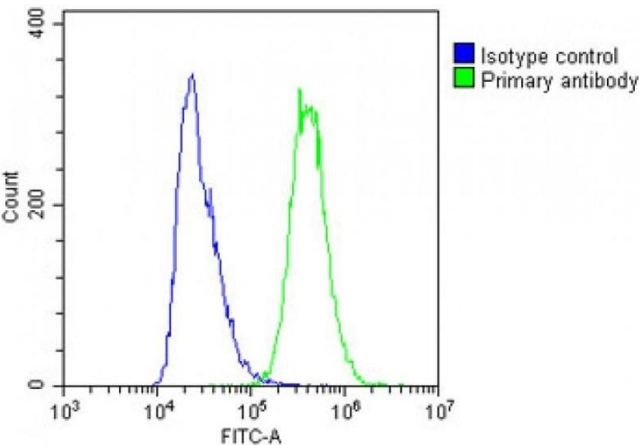
## Application Details

Application Notes:	WB: 1:2000. FC: 1:25
Restrictions:	For Research Use only

## Handling

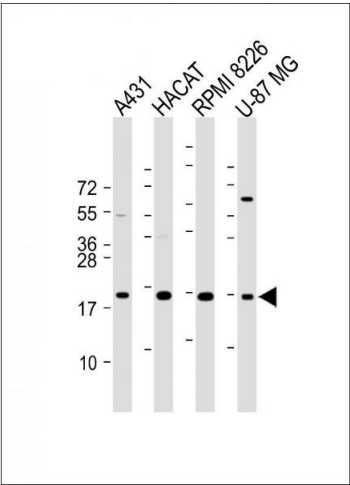
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Images



### Flow Cytometry

**Image 1.** Overlay histogram showing A431 cells stained with (ABIN6242879 and ABIN6578848)(green line). The cells were fixed with 2 % paraformaldehyde and then permeabilized with 90 % methanol for 10 min. The cells were then incubated in 2 % bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed at 1/200 dilution for 40 min at Room temperature. Isotype control antibody (blue line) was rabbit IgG1 (1 µg/1x10<sup>6</sup> cells) used under the



same conditions. Acquisition of >10, 000 events was performed.

Western Blotting

**Image 2.** All lanes : Anti-TGFA Antibody (C-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: HACAT whole cell lysate Lane 3: RI 8226 whole cell lysate Lane 4: U-87 MG whole cell lysate Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.