

## alpha 1 Antitrypsin antibody [TMF1#4B5]

**Cat. No. GTX15777**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, FCM, IP, ELISA, RIA
<b>Reactivity</b>	Human, Mouse

**Package**  
100 µg

## Applications

**Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-3 µg/ml
FCM	3-5 µg/10 <sup>6</sup> cells
IP	Assay dependent
ELISA	Assay dependent
RIA	Assay dependent

**Note : Permeabilization : 0.25% Triton X-100 for 20 min**

Not tested in other applications.

**Calculated MW** 47 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	10mM Potassium Phosphate, 2.5mM KCl, 135mM NaCl, 0.1% BSA
<b>Preservative</b>	0.05% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Purified human a1-Antitrypsin
<b>Purification</b>	Protein A purified
<b>Conjugation</b>	Unconjugated



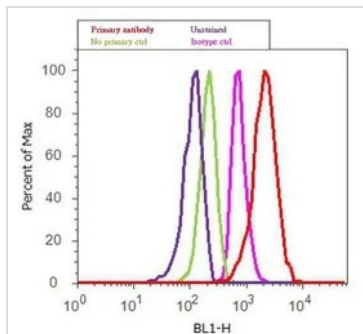
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



**GTX15777 FCM Image**

FACS analysis of 70% ethanol fixed HepG2 cells using GTX15777 alpha 1 Antitrypsin antibody [TMF1#4B5].

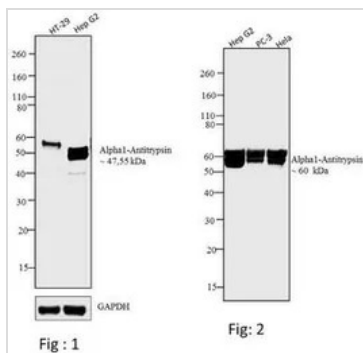
Red histogram : Primary antibody

Pink histogram : mouse isotype control

Fixation : 70% ethanol for 10 minutes

Permeabilization : 0.25% Triton X-100 for 20 minutes

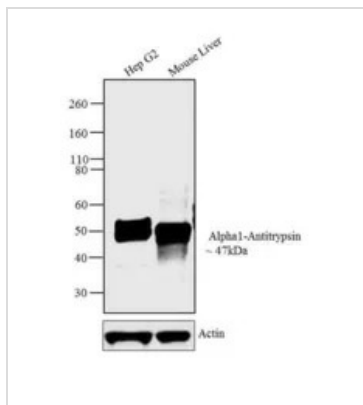
Dilution : 3-5 µg/million cells in 2.5% BSA for 30 minutes at room temperature



**GTX15777 WB Image**

WB analysis of membrane enriched extracts (30 ug) of HT-29 (Lane 1) and Hep G2 (Lane 2) in figure 1, and condition media of Hep G2 (Lane 1), PC3 (Lane 2), HeLa (Lane 3) in figure 2 using GTX15777 alpha 1 Antitrypsin antibody [TMF1#4B5].

Dilution : 2 µg/ml



**GTX15777 WB Image**

WB analysis of membrane enriched extracts (30 ug lysate) of Hep G2 (Lane 1) and tissue extract of Mouse Liver (Lane 2) using GTX15777 alpha 1 Antitrypsin antibody [TMF1#4B5].

Dilution : 2 µg/ml



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