Recombinant DGRmAb®

alpha 1 Antitrypsin (DGR12015) Rabbit mAb

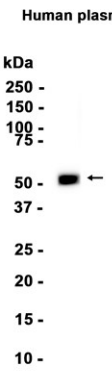
db15846 **Package : 10μL 20μL 50μL 100μL**

Product Name : alpha 1 Antitrypsin (DGR12015) Rabbit mAb
Cat.No.: db15846
Synonyms : PI; A1A; AAT; PI1; A1AT; nNIF; PRO2275; alpha1AT
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human
Host species : Rabbit

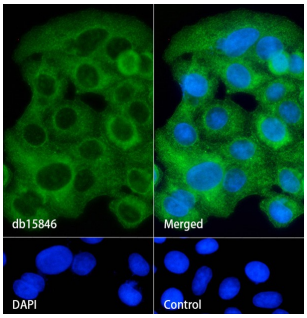
Background	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human alpha 1 Antitrypsin
Gene ID	5265
Swiss Prot	P01009
Synonyms	PI; A1A; AAT; PI1; A1AT; nNIF; PRO2275; alpha1AT
Reactivity	Human
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:50 IP: 1:20
Calculated MW	46 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12015
Isotype	IgG
Purity	Affinity Purification

Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human plasma tissue using db15846 at 1:100000.



Immunofluorescence analysis of HepG2 cells labelling alpha 1 Antitrypsin with db15846.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15846 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.