Recombinant DGRmAb®

alpha 1 Antitrypsin (DGR12015) Rabbit mAb (PBS Only)

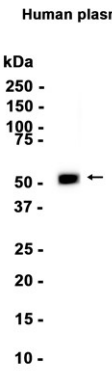
db15846-PBS **Package : 10μg 100μg**

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

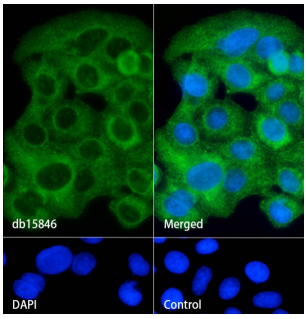
Background	The protein encoded by this gene is secreted and is a serine protease inhibitor whose targets include elastase, plasmin, thrombin, trypsin, chymotrypsin, and plasminogen activator. Defects in this gene can cause emphysema or liver disease. Several transcript variants encoding the same protein 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
Calculated MW	46 kDa
Observed MW	55 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12015
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only

Storage Stability

Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.