

Product datasheet for **BM2153**

alpha 1 Antitrypsin (SERPINA1) Mouse Monoclonal Antibody [Clone ID: 1102]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1102
Applications:	ELISA, R
Recommended Dilution:	ELISA. Radioimmunoassay.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Purified Human Alpha1-Antitrypsin.
Specificity:	No cross reactivity with alpha-1 Acid Glycoprotein, serum albumin or other serum proteins.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family A member 1
Database Link:	Entrez Gene 5265 Human P01009
Background:	Alpha 1 Antitrypsin is a plasma protein synthesised in the liver. It consists of a single polypeptide chain and has a molecular weight of 52 kDa. A serine protease inhibitor, its primary function is the protection of lung tissue from the action of neutrophil elastase. The average level of alpha 1 Antitrypsin in plasma is 1.3 g/l.



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Synonyms: SERPINA1, AAT