

Product datasheet for **BM2555**

alpha 1 Antichymotrypsin (SERPINA3) Mouse Monoclonal Antibody [Clone ID: 802]

Product data:

Product Type:	Primary Antibodies
Clone Name:	802
Applications:	ELISA
Recommended Dilution:	May be used in Immunoassays to detect and quantitate Alpha-1-Antichymotrypsin.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Serum Alpha-1-Antichymotrypsin
Specificity:	This antibody specifically recognizes Alpha-1-Antichymotrypsin. Does not cross react with Alpha-1-Antitrypsin.
Formulation:	PBS pH 7.4, containing no preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G 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 3
Database Link:	Entrez Gene 12 Human P01011



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Background: The protein is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variation in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.

Synonyms: SERPINA3, AACT, GIG24, GIG25