

Product datasheet for **BM293**

CTRB1 Mouse Monoclonal Antibody [Clone ID: 4E1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4E1
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blot. Immunofluorescence. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Purified Human pancreatic Chymotrypsin.
Specificity:	This antibody is specific for Chymotrypsin and does not react with Trypsin.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store 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:	chymotrypsinogen B1
Database Link:	Entrez Gene 1504 Human P17538



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Background: Chymotrypsin is a 239 amino acid ~30 kD protease with an additional 13 amino acid propeptide region and a 16 amino acid signal peptide. Variations in the CTRC gene has been associated with susceptibility to hereditary, pancreatitis, a disease characterized by pancreatic inflammation and destruction of the parenchyma. Human chymotrypsin-C, also known as chymotrypsin or caldecrin.

Synonyms: CTRB1, CTRB, Chymotrypsinogen B