

Datasheet for ABIN1573958
anti-TMPRSS15 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	40 µg
Target:	TMPRSS15
Reactivity:	Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TMPRSS15 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Purified recombinant light chain of bovine EK protein
Clone:	5E3C8
Isotype:	IgG
Purification:	Protein A affinity column

Target Details

Target:	TMPRSS15
Alternative Name:	Enterokinase (TMPRSS15 Products)
Background:	Enterokinase is an intestinal enzyme responsible for initiating activation of pancreatic proteolytic proenzymes. Mouse Anti-Enterokinase Monoclonal Antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified recombinant EK protein (bovine EK, aa848-1035, light chain, 93%

Target Details

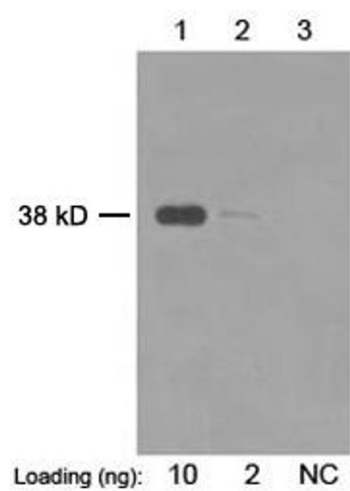
homologous with human EK). Mouse Anti-Enterokinase Monoclonal Antibody recognizes EK in Western blots and ELISAs.

Application Details

Application Notes:	<p>Working concentrations for specific applications should be determined by the investigator. The chart below may serve as a useful guideline, but secondary antibody affinity, antigen concentration, temperature, incubation time, and the sensitivity of the detection methods can all affect the ideal working concentration. We have not yet determined the suitability of this antibody for other applications. The following concentration ranges are recommended starting points for this product.</p> <p>ELISA: 0.05-0.2 µg/mL</p> <p>Western blot: 0.1-1.0 µg/mL</p> <p>Other applications: user-optimized</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 1 % BSA and 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	<p>WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.</p>
Storage:	4 °C/-20 °C
Storage Comment:	<p>The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.</p>



Western Blotting

Image 1. Primary antibody: 1 µg/mL Mouse Anti-Enterokinase Monoclonal Antibody (ABIN398568)
Secondary antibody: Goat Anti-Mouse IgG (H&L) [HRP] Polyclonal Antibody (ABIN398387, 1: 20,000) The signal was developed with LumiSensor™ HRP Substrate Kit (ABIN769939)