

Rev05  
Update: Nov,03,2023

**DATASHEET**

# Enterokinase Antibody, mAb, Mouse

Cat. No.: A00889

## Overview

<b>Specificity</b>	Recombinant Enterokinase protein
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Purified recombinant light chain of bovine EK protein
<b>Species Reactivity</b>	Bovine and porcine.Reactivity to other species is not tested yet.
<b>Conjugate</b>	Unconjugated

## Applications

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.

<b>Application</b>	<b>Recommended Usage</b>
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml

## Properties

<b>Form</b>	Lyophilized
<b>Storage Buffer</b>	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.
<b>Storage Instructions</b>	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
<b>Purification</b>	Protein A affinity column
<b>Isotype</b>	Mouse IgG1

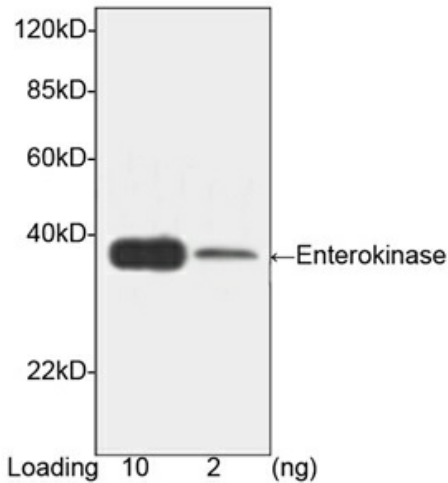
**GenScript USA, Inc.**

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Clonality	Monoclonal
Clone ID	5E3C8

## Examples



Western blot analysis of Enterokinase protein using Enterokinase Antibody, mAb, Mouse (GenScript, A00889, 1 µg/ml). The signal was developed with Goat Anti-Mouse IgG (H&L) [HRP] Polyclonal Antibody (GenScript, A00160, 1:10,000) and LumiSensor™ HRP Substrate Kit (GenScript, L00221). Predicted Size: 38 kD. Observed Size: 38 kD.

## Background

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

**Synonyms :** Mouse Anti-Enterokinase mAb;

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