

Product datasheet

Anti-Chymotrypsin antibody [4E1] ab35694

5 References

Overview

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<b>Product name</b>	Anti-Chymotrypsin antibody [4E1]
<b>Description</b>	Mouse monoclonal [4E1] to Chymotrypsin
<b>Host species</b>	Mouse
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat, Human
<b>Immunogen</b>	Full length native protein (purified) corresponding to Human Chymotrypsin.

Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	4E1
<b>Isotype</b>	IgG3

Target

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<b>Function</b>	Has chymotrypsin-type protease activity and hypocalcemic activity.
<b>Tissue specificity</b>	Pancreas.
<b>Involvement in disease</b>	Variations in CTSC influence susceptibility to chronic pancreatitis [MIM:167800]. Chronic pancreatitis is a persistent inflammatory disorder characterized by permanent destruction of the pancreatic parenchyma.
<b>Sequence similarities</b>	Belongs to the peptidase S1 family. Elastase subfamily. Contains 1 peptidase S1 domain.

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