

Datasheet for ABIN6985234

**anti-MTR antibody (AA 1001-1100) (Cy5.5)**[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	MTR
Binding Specificity:	AA 1001-1100
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MTR antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MTR
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	MTR
Alternative Name:	MTR ( <a href="#">MTR Products</a> )

## Target Details

Background:	Synonyms: Methionine synthase, MTR, 5-methyltetrahydrofolate--homocysteine, methyltransferase, Vitamin-B12 dependent methionine synthase, MS Background: MTR encodes the enzyme 5-methyltetrahydrofolate-homocysteine methyltransferase. This enzyme, also known as cobalamin-dependent methionine synthase, catalyzes the final step in methionine biosynthesis. Mutations in MTR have been identified as the underlying cause of methylcobalamin deficiency complementation group G.
Gene ID:	238505
UniProt:	<a href="#">Q99707</a>
Pathways:	<a href="#">Methionine Biosynthetic Process</a>

## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months