



# Mouse Anti-DM1/4 monoclonal antibody, clone G2E6 (CABT-L3105)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti-DM1/4 mAb
<b>Target</b>	DM1; DM4
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	G2E6
<b>Purification</b>	Antibody was produced by ascites and then isolated via Protein A/G chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	1 mg/ml
<b>Size</b>	100 µl, 500 µl
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	For short term storage, store at 4°C up to 6 months from date of opening or thawing. Long time storage is recommended at -20°C. Avoid repeated freeze-thaw cycles.

Ship

Dry ice

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## BACKGROUND

### Introduction

Mertansine, also called DM1 is a thiol-containing maytansinoid that for therapeutic purposes is attached to a monoclonal antibody through reaction of the thiol group with a linker structure to create an antibody-drug conjugate (ADC). Mertansine is a tubulin inhibitor, meaning that it inhibits the assembly of microtubules by binding to tubulin (at the rhizoxin binding site). Ravtansine/soravtansine (DM4), chemical derivative of maytansine, used as a cytotoxic component of antibody-drug conjugates.

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### Keywords

Mertansine;Ravtansine;soravtansine;DM1;DM4;

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## GENE INFORMATION

### Official Symbol

Mertansine; Ravtansine/soravtansine

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