



# Mouse Anti-DM1 Monoclonal Antibody, clone DM1 (CABT-L597M)

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

## PRODUCT INFORMATION

<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	N/A
<b>Clone</b>	DM1
<b>Purification</b>	Affinity Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg, 1 mg
<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.
<b>Ship</b>	Wet ice

# 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).
Keywords	Mertansine;DM1