



# Rabbit Anti-DM4 monoclonal antibody, clone 4I4 (CABT-ZB289)

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

## PRODUCT INFORMATION

<b>Target</b>	DM4
<b>Immunogen</b>	Dm4 coupled with ova.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	N/A
<b>Clone</b>	4I4
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	PBS, with 40% Glycerol
<b>Preservative</b>	0.05% sodium azide
<b>Storage</b>	Short term: store at 4°C. Long term: aliquot and store at -20°C. Avoid freeze-thaw cycles. Store undiluted.

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Ship

Wet ice

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## BACKGROUND

**Introduction**

DM4 is a maytansinoid, a chemical derivative of maytansine being investigated as the cytotoxic payload of a number of antibody-drug conjugates (ADCs). Maytansinoids inhibit tubulin polymerization and microtubule assembly and enhance microtubule destabilization, so there is potent suppression of microtubule dynamics resulting in a mitotic block and subsequent apoptotic cell death.

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**Keywords**

Mertansine; DM4; Ravidansine

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## GENE INFORMATION

**Synonyms**

Mertansine; DM4; Ravidansine

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