



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

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

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.

Keywords

Mertansine; DM4; Ravtansine

GENE INFORMATION

Synonyms

Mertansine; DM4; Ravtansine
