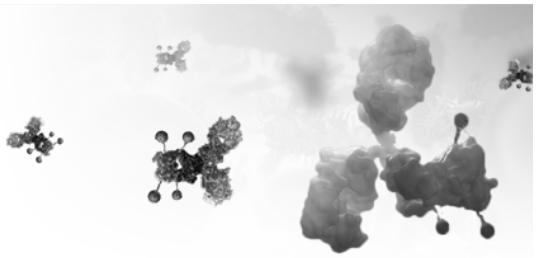

Mouse Anti-MMAF monoclonal antibody, clone G4C22 (CABT-B8994)

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

PRODUCT INFORMATION

Product Overview	Mouse Anti-MMAF mAb
Target	MMAF
Isotype	IgG
Source/Host	Mouse
Species Reactivity	N/A
Clone	G4C22
Purification	Antibody was produced by ascites and then isolated via Protein A/G chromatography
Conjugate	Unconjugated
Applications	ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µl, 500 µl
Buffer	PBS
Preservative	0.02% Sodium Azide
Storage	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.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Ship	Dry ice

BACKGROUND

Introduction	MMAF is a synthetic antineoplastic agent. Monomethyl auristatin F (MMAF) is an antitubulin agent that inhibits cell division by blocking the polymerization of tubulin. Because of MMAF is highly toxic, it cannot be used as a drug itself. MMAF induces potent antitumor effects when conjugated via protease cleavable linkers to a monoclonal antibody targeting internalizing, tumor-specific cell surface antigens. The linker to the monoclonal antibody is stable in extracellular fluid, but is cleaved by cathepsin once the conjugate has entered a tumor cell, thus activating the anti-mitotic mechanism.
Keywords	Monomethyl auristatin F;MMAF;

GENE INFORMATION

Official Symbol	Monomethyl auristatin F

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