

Product datasheet for **TA421204S**

Eribulin Rabbit Monoclonal Antibody [Clone ID: 2E4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2E4
Applications:	ELISA
Recommended Dilution:	ELISA 1:5000-10000
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Reconstitution Method:	Reconstitute with sterile, low-endotoxin water. See the COA for more details
Concentration:	Lot specific
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing)
Stability:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background:	Eribulin, a fully synthetic macrocyclic ketone analogue derived from the marine sponge <i>Halichondria okadai</i> , shows promise as an ADC payload. Its anti-tumor activity involves inhibiting microtubule elongation and mitotic spindle formation, leading to apoptosis. Eribulin-based ADCs offer advantages such as well-understood toxicity profiles and compatibility with various linker chemistries. Clinical development includes MORAb-202, an ADC targeting folate receptor alpha (FR α) in solid tumors.

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Product images:

ELISA assay to evaluate Eribulin-Antibody
0.2µg Human IgG-Eribulin per well

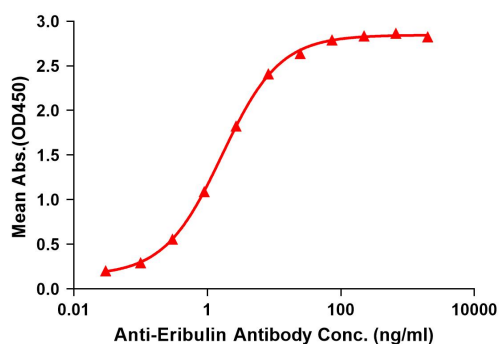


Figure 1. Elisa plates were pre-coated with IgG-Eribulin (0.2µg/per well). Serial diluted anti-Eribulin monoclonal antibody ([TA421204]) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Eribulin monoclonal antibody binding with IgG-Eribulin is 1.658ng/ml.