



Human Anti-Human HER2 (Ado-Trastuzumab emtansine) Monoclonal Antibody, clone Trastuzumab emtansine [Biosimilar] (CABT-Z818H)

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

PRODUCT INFORMATION

Specificity	Detects human HER2. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Ado-trastuzumab emtansine.
Immunogen	Human HER2.
Isotype	IgG1
Source/Host	Human
Species Reactivity	Human
Clone	Trastuzumab emtansine
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as

determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	Ado-trastuzumab emtansine is a HER2-targeted antibody-drug conjugate which contains the humanized anti-HER2 IgG1, trastuzumab, covalently linked to the microtubule inhibitory drug DM1 via the stable thioether linker MCC. Trastuzumab is produced by Chinese hamster ovary cells, and DM1-MCC are produced by chemical synthesis. Ado-trastuzumab emtansine contains an average of 3.5 DM1 molecules per antibody.
Keywords	ERBB2;v-erb-b2 erythroblastic leukemia viral oncogene homolog 2, neuro/glioblastoma derived oncogene homolog (avian);NGL, v erb b2 avian erythroblastic leukemia viral oncogene homolog 2 (neuro/glioblastoma derived oncogene homolog);receptor tyrosine-protein kinase erbB-2;CD340;HER 2;Trastuzumab

GENE INFORMATION

Gene Name	ERBB2
Entrez Gene ID	2064
UniProt ID	P04626