

Ado-trastuzumab emtansine

| Catalog # | Source | Reactivity | Applications |
|-----------|-----------|------------|------------------|
| CBA1012 | Humanized | Human | Functional Assay |

Description Anti-HER2 [Ado-trastuzumab emtansine]

Immunogen

Purification Affinity Chromatography

Specificity

Clonality Monoclonal

Conjugation

Form IgG1, liquid in 10 mmol/L PBS, pH 7.2

Dilution

Gene Symbol ERBB2

Alternative Names HER2; MLN19; NEU; NGL; Receptor tyrosine-protein kinase erbB-2; Metastatic lymph node gene 19 protein; MLN 19; Proto-oncogene Neu; Proto-oncogene c-ErbB-2; Tyrosine kinase-type cell surface receptor HER2; p185erbB2; CD340

Entrez Gene 2064

SwissProt P04626

Directions for Use 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.

Storage/Stability Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

storage aseptically aliquot and store at -80°C . Avoid repeated freeze/thaw cycles.

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