

## Anti-EpCAM [MT201 (Adecatumumab; HD69)] Standard Size Ab02659-3.0

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2b, Kappa

**Clone Number:** MT201 (Adecatumumab; HD69)

**Alternative Name(s) of Target:** CD326; Ep-CAM; KS1/4 antigen; KSA; Epithelial cell adhesion molecule; Adenocarcinoma-associated antigen; Cell surface glycoprotein Trop-1; Epithelial cell surface antigen; Epithelial glycoprotein; EGP; Epithelial glycoprotein 314; 17-1A-antigen; EGP314; hEGP314; Major gastrointestinal tumor-associated protein GA733-2; Tumor-associated calcium signal transducer 1; EGP-2; EGP40; KSA; CO17-1A; GA733-2

**UniProt Accession Number of Target Protein:** P16422

**Published Application(s):** therapeutic, WB, ELISA, FC, IHC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was generated by panning against a naturally expressed human library.

**Specificity:** This antibody is specific for human EpCAM.

**Application Notes:** Immunohistochemistry was performed on human metastatic breast cancer tissue using this antibody (Schmidt et al, 2010; pmid:19633042). ELISA was performed on recombinant EpCAM protein using this antibody (Raum et al, 2000; pmid:11419181). Flow cytometry using this antibody was done on cells (Raum et al, 2000; pmid:11419181). Western blot was performed on 119 polypeptides of 13 amino acids shifted by two amino acids covering the entire extracellular domain of EpCAM. This antibody was used (Raum et al, 2000; pmid:11419181). Surface plasmon resonance was performed on the EpCAM protein using this antibody (Raum et al, 2000; pmid:11419181). This antibody was used for flow cytometry on KATO III cells (Naundorf et al, 2002; pmid:12115595). A cytotoxicity experiment was performed on PMBC using this antibody (Naundorf et al, 2002; pmid:12115595). Phase II trials were performed on prostate cancer patients (Marschner et al, 2010; pmid:20606402). Phase I trials were performed on prostate cancer patients (Oberneder et al, 2006; pmid:16930989).

**Antibody First Published in:** Raum et al. Anti-self antibodies selected from a human IgD heavy chain repertoire: a novel approach to generate therapeutic human antibodies against tumor-associated differentiation antigens. *Cancer Immunol Immunother.* 2001 May;50(3):141-50.

[PMID:11419181](#)

**Note on publication:** Human antibodies were isolated by phage display from a naturally expressed human antibody repertoire.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.