

anti-Human Adecatumumab Monoclonal Antibody | anti-EPCAM antibody

Research Grade Adecatumumab

CATALOG #
AAA120051

REACTIVITY
Human

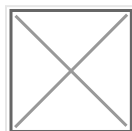
PRODUCT SYNONYMS

Adecatumumab; Monoclonal Antibody; Research Grade Adecatumumab; MT201; Epithelial glycoprotein 314; hEGP314; Major gastrointestinal tumor-associated protein GA733-2; EGP314; TACSTD1; Adenocarcinoma-associated antigen; TROP1; EPCAM; Epithelial glycoprotein; KS 1/4 antigen; Tumor-associated calcium signal transducer 1; M4S1; CD326; Ep-CAM; EGP; Epithelial cell adhesion molecule; M1S2; KSA; Cell surface glycoprotein Trop-1; GA733-2; Epithelial cell surface antigen; MIC18; anti-EPCAM antibody

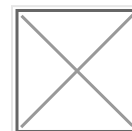
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-nd
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
Host Species	Human
CAS	503605-66-1
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Adecatumumab



Bioactivity
Detects Human CD326/EPCAM in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPCAM antibody	Research Biosimilar
References	Antibody Based EpCAM Targeted Therapy of Cancer, Review and Update, PMID: 29295696 A phase I study with adecatumumab, a human antibody directed against epithelial cell adhesion molecule, in hormone refractory prostate cancer patients, PMID: 16930989 An open-label, randomized phase II study of adecatumumab, a fully human anti-EpCAM antibody, as monotherapy in patients with metastatic breast cancer, PMID: 19633042 Exchanging human Fcγ1 with murine Fcγ2a highly potentiates anti-tumor activity of anti-EpCAM antibody adecatumumab in a syngeneic mouse lung metastasis model, PMID: 16937114 Phase IB study of the EpCAM antibody adecatumumab combined with docetaxel in patients with EpCAM-positive relapsed or refractory advanced-stage breast cancer, PMID: 22357251

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated pro
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/adecatumumab-antibody-elisa/120051>