

Mus musculus anti-Human Solitomab Monoclonal Antibody | anti-EPCAM antibody

Research Grade Solitomab

CATALOG # AAA120054	HOST Mus musculus	REACTIVITY Human
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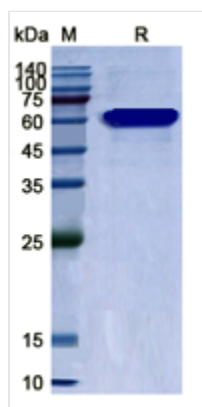
PRODUCT SYNONYMS

Solitomab; Monoclonal Antibody; Research Grade Solitomab; Bispecific; MT110; 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; T3E; T-cell surface antigen T3/Leu-4 epsilon chain; CD3e; T-cell surface glycoprotein CD3 epsilon chain; anti-EPCAM antibody

PRODUCT SPECIFICATIONS

Host	Mus musculus
Reactivity	Human
Clonality	Monoclonal
Isotype	(scFv-kappa-heavy)-(scFv-heavy-kappa)
Purity/Purification	>95% by SDS-PAGE; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4
Concentration	1.5 mg/ml (varies by lot)
Expression System	XtenCHO
CAS	1005198-65-1
Preparation and Storage	Store at +4°C for short term (1-2 weeks). Store at -20°C for 12 months. Store at -80°C for long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPCAM antibody	Research Biosimilar
References	Solitomab, an EpCAM/CD3 bispecific antibody construct (BiTE), is highly active against primary uterine serous papillary carcinoma cell lines in vitro, PMID: 26272866 Solitomab, an EpCAM/CD3 bispecific antibody construct (BiTE®), is highly active against primary uterine and ovarian carcinosarcoma cell lines in vitro, PMID: 26474755 Solitomab, an epithelial cell adhesion molecule/CD3 bispecific antibody (BiTE), is highly active against primary chemotherapy-resistant ovarian cancer cell lines in vitro and fresh tumor cells ex vivo, PMID: 25251053 EpCAM expression in esophageal cancer and its correlation with immunotherapy of solitomab, PMID: 34012588

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P07766
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://www.aaabiotech.com/monoclonal/solitomab-antibody-elisa/120054>