

anti-Human Catumaxomab Monoclonal Antibody | anti-EPCAM antibody

Research Grade Catumaxomab

CATALOG # AAA120053	HOST Mouse Hybrid Rat	REACTIVITY Human
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PRODUCT SYNONYMS

Catumaxomab; Monoclonal Antibody; Research Grade Catumaxomab; Bispecific; Musmus G2a kappa; anti-EPCAM (Ho-3/TP-A-01) / Rat sp. G2b lambda; anti-CD3E (26/II/6-1.2); TPBs01; CAS: 509077-98-9; anti-EPCAM antibody

PRODUCT SPECIFICATIONS

Host	Mouse Hybrid Rat
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a-kappa/IgG2b-lambda
Purity/Purification	Purity: >95% as determined by SDS-PAGE. Purification: Protein A/G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH 7.4.
Concentration	1 mg/ml (varies by lot)
Clone ID	Catumaxomab
Target	Epithelial glycoprotein 314, hEGP314, Major gastrointestinal tumorassociated protein GA733-2, EGP314, TACSTD1, Adenocarcinomaassociated 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, CD3E, T-cell surface glycoprotein CD3 epsilon chain
Endotoxin	level Please contact with the lab for this information.
Expression system	Mammalian Cells
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPCAM antibody	Research Biosimilar
References	Catumaxomab: clinical development and future directions, PMID: 20190561 Catumaxomab--trifunctional anti-EpCAM antibody used to treat malignant ascites, PMID: 20624115 Bispecific antibodies for cancer therapy: A review, PMID: 29269044 Catumaxomab: a bispecific trifunctional antibody, PMID: 19927225 The contribution of catumaxomab in the treatment of malignant ascites in patients with ovarian cancer: a review of the literature, PMID: 23644922

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/catumaxomab-antibody-elisa/120053>