anti-Human Labetuzumab Monoclonal Antibody | anti-CEACAM5 antibody

Research Grade Labetuzumab

CATALOG #	REACTIVITY
AAA120014	**Human**

PRODUCT SYNONYMS

Labetuzumab; Monoclonal Antibody; Research Grade Labetuzumab; hMN14; IMMU-130; hMN-14-SN-38; hMN-14-SN-38 ADC; hMN14-CL-SN-38; Labetuzumab Govitecan; Meconium antigen 100; CEACAM5; CEA; CD66e; Carcinoembryonic antigen-related cell adhesion molecule 5; Carcinoembryonic antigen; anti-CEACAM5 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
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	Humanized
CAS	219649-07-7
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 Labetuzumab

Bioactivity
Detects Human CD66e/CEA/CEACAM5 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CEACAM5 antibody	Research Biosimilar
References	Labetuzumab govitecan in metastatic colorectal cancer, PMID: 28844817 Regulation of CEACAM5 and Therapeutic Efficacy of an Anti-CEACAM5-SN38 Antibody-drug Conjugate in Neuroendocrine Prostate Cancer, PMID: 33199493 Phase I/II Trial of Labetuzumab Govitecan (Anti-CEACAM5/SN-38 Antibody-Drug Conjugate) in Patients With Refractory or Relapsing Metastatic Colorectal Cancer, PMID: 28817371 Selective and Concentrated Accretion of SN-38 with a CEACAM5-Targeting Antibody-Drug Conjugate (ADC), Labetuzumab Govitecan (IMMU-130), PMID: 29079710 CEACAM5-targeted therapy of human colonic and pancreatic cancer xenografts with potent labetuzumab-SN-38 immunoconjugates, PMID: 19789330

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373456
NCBI GeneID	1048
UniProt Accession #	P06731; H9KVA7
Molecular Weight	76,795 Da
NCBI Official Full Name	Carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Synonym Full Names	carcinoembryonic antigen-related cell adhesion molecule 5
NCBI Official Symbol	CEACAM5
NCBI Official Synonym Symbols	CEA; CD66e
NCBI Protein Information	carcinoembryonic antigen-related cell adhesion molecule 5; meconium antigen 100
UniProt Protein Name	Carcinoembryonic antigen-related cell adhesion molecule 5
UniProt Gene Name	**CEACAM5**
UniProt Synonym Gene Names	CEA; CEA
UniProt Entry Name	CEAM5_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://stage.aaabiotech.com/monoclonal/labetuzumab-antibody-elisa/120014