

Adecatumumab

Catalogue No.: abx831077

Adecatumumab is a monoclonal antibody biosimilar expressed in CHO cells, targeting EPCAM, for use in laboratory research applications. This product is not suitable for use as medicines or in human, therapeutic or diagnostic applications.

Adecatumumab is a recombinant human monoclonal antibody of the IgG1 subclass with a binding specificity to epithelial cell adhesion molecule (EpCAM). EpCAM (CD326) is a cell surface protein that is frequently expressed at high level on most solid tumor types, including prostate, breast, colon, gastric, ovarian, pancreatic and lung cancer. Adecatumumab (MT201) is a recombinant human monoclonal antibody of the IgG1 subclass with a binding specificity to epithelial cell adhesion molecule (EpCAM). EpCAM (CD326) is a cell surface protein that is frequently expressed at high level on most solid tumor types, including prostate, breast, colon, gastric, ovarian, pancreatic and lung cancer. Overexpression of EpCAM has been shown to promote the proliferation, migration and invasiveness of breast cancer cells. Moreover, expression of EpCAM is associated with decreased survival in a number of cancer indications, including breast, gall bladder, bile duct, ovarian and ampullary pancreatic cancer. EpCAM has recently been shown to be expressed on cancer stem cells from breast, prostate, colon and pancreatic cancer. Clinical studies have shown a favorable safety profile and that clinical activity depends on the EpCAM target expression.

Target:	EPCAM
Clonality:	Monoclonal
Reactivity:	Human
Expression:	Recombinant
Tested Applications:	ELISA, WB
Host:	Human
Recommended dilutions:	Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Isotype:	IgG ₁ -ND
Form:	Liquid
Purity:	> 95%
Purification:	Purified from cell culture supernatants by Protein A/G chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
Buffer:	0.01 M PBS. pH 7.4.

Datasheet

Version: 2.0.0

Revision date: 26 Mar 2025



CAS Number: 503605-66-1

Concentration: Batch-dependent, typically between 0.5-2.0 mg/ml.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only