

ATAGENIX LABORATORIES

Catalog Number:ATAD00092 Adecatumumab

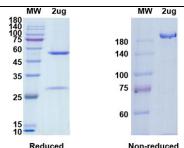
Product Details

Catalog No. ATAD00092

INN (International Nonproprietary Name) Adecatumumab

Purity >95%

SDS-PAGE image



Coomassie blue staining non-reduced and reduced SDS-PAGE analysis

Concentration 1.97 mg/ml

Formulation 9mM Citric acid monohydrate, 41mM Na2HPO4, 1% mannitol, 5%trehalose,

0.02% Tween20, pH6.5

Source CHO cells

Endotoxin level Please contact with the lab for this information.

Note For research use only .

Bioactivity

Description

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



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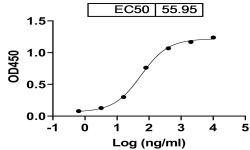
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Adecatumumab

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.

Bioactivity

Adecatumumab binds with CD326/EPCAM



Alternative names

Specificity target name; species EPCAM[Homo sapiens]

MT201

Species Homo sapiens

Receptor identification IgG1-nd

Chemistry

CAS 503605-66-1

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.