Anti-Human DR5 Therapeutic Antibody (Conatumumab)

Cat. No: TAB-203

PRODUCT INFORMATION

Product Overview
Recombinant monoclonal antibody to DR5. Conatumumab (originally AMG 655) is a monoclonal antibody developed for the treatment of cancer. It is a fully human monoclonal agonist antibody directed against the extracellular domain of human TRAIL (tumor necrosis factor-related apoptosis-inducing ligand) receptor 2 (TR-2, death receptor 5) with potential antineoplastic activity. Conatumumab mimics the activity of native TRAIL, binding to and activating TR-2, thereby activating caspase cascades and inducing tumor cell apoptosis. TR-2 is expressed by a variety of solid tumors and cancers of hematopoietic origin.

Host
Human

Specificity
Tested positive against native human antigen.

Target
DR5

Immunogen
The details of the immunogen for this antibody are not available.

Derivation
Human

Species Reactivity
Human

Type
IgG1 - kappa

Expression Host
CHO

CAS
896731-82-1

Generic Name
Conatumumab

UNII
1P48L61KM0

MW
145.65 kDa

Purity
>95.0% as determined by Analysis by RP-HPLC & analysis by SDS-PAGE.

Applications
Suitable for use in Neut, ELISA, IF, IP, FuncS, FC, ICC and most other immunological methods.

Formulation
C6466H10006N1730O2024S40

Size
1mg

Storage

Related Disease
Non-small cell lung cancers (NSCLC)

ANTIGEN INFORMATION

Introduction
Receptor for the cytotoxic ligand TNFSF10/TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappa-B.

Alternative Names
Conatumumab;896731-82-1;AMG 655;XG1-048;TRAIL-R2 mAb;AMG 655;TNFRSF10B;tumor necrosis factor receptor superfamily, member 10b;tumor necrosis factor receptor superfamily member 10B;CD262;DRS;KILLER;TRAIL R2;TRICK2A;TRICKB;Fas-like protein;death receptor 5;

Gene ID
8795
# RELATED PRODUCTS

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<td>TAB-252MZ-F(E)</td>
<td>Anti-Human TNFRSF10B Therapeutic Antibody Fab Fragment</td>
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<td>HPAB-0304-YC-F(E)</td>
<td>Recombinant Human Anti-TNFRSF10B Antibody Fab Fragment (16E2)</td>
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<td>MOR-4473</td>
<td>Hi-Aff™ Recombinant Rabbit Anti-TNFRSF10B Monoclonal Antibody (S1567DS)</td>
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