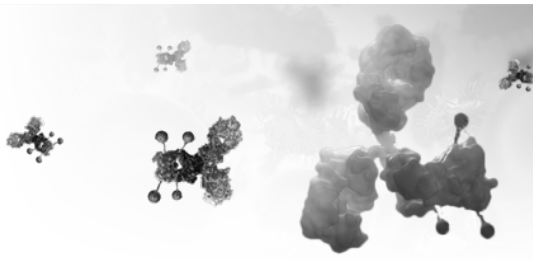

Human Anti-Human DR5 (Drozitumab) Monoclonal Antibody, clone PRO95780 [Biosimilar] (CABT-Z636H)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Biosimilar Recombinant Human Monoclonal Antibody
Specificity	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Drozitumab. Clone PRO95780 recognizes human death receptor 5 (DR5).
Immunogen	DR5 scFv
Isotype	IgG1, κ
Source/Host	Human
Species Reactivity	Human
Clone	PRO95780
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	Agonist, ELISA, FA, FC, IF, IP, WB Recommended concentration: FC: ≤ 0.25 µg per 10^6 cells in a volume of 100 µl.
Format	Liquid
Concentration	Lot specific
Size	200 µg

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Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium, calcium or preservatives added. Endotoxin Level ≤ 1.0 EU/mg as determined by the LAL method
Preservative	None
Storage	Functional grade biosimilar antibodies may be stored sterile as received at 2-8℃ for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -80℃. Avoid Repeated Freeze Thaw Cycles.
Ship	Wet ice

BACKGROUND

Introduction	DR5 is widely expressed in adult and fetal tissues, with notably high expression on tumor cells. Drozitumab is a monoclonal antibody that specifically binds to human DR5. DR5 is expressed in a variety of solid tumors and hematologic malignancies, which are characteristically resistant to apoptosis. Drozitumab is a proapoptotic receptor agonists (PARA) that induces apoptosis in a variety of human cancer cell lines and xenograft models, both alone and in tandem with other antineoplastic agents. Apoptosis of cancer cells triggered by the activation of DR5, occurs without affecting most normal cell types. Anti-Human DR5 (Drozitumab) utilizes the same variable regions from the therapeutic antibody Drozitumab making it ideal for research projects.
Keywords	TNFRSF10B;tumor necrosis factor receptor superfamily, member 10b;DR5;CD262;KILLER;TRICK2;TRICKB;ZTNFR9;TRAILR2;TRICK2A

GENE INFORMATION

Gene Name	TNFRSF10B
Entrez Gene ID	8795
UniProt ID	O14763

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