Anti-Human 5T4 Therapeutic Antibody Fab Fragment, 5T4 (Naptumomab Estafenatox)

Cat. No: TAB-118-F(E)

PRODUCT INFORMATION

Product Overview
Recombinant antibody Fragment Fab to 5T4. Naptumomab estafenatox (ABR-217620) is a drug being developed for the treatment of various types of cancer like non-small cell lung carcinoma and renal cell carcinoma.

Host
Mouse

Specificity
Tested positive against native human antigen.

Target
5T4

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

Derivation
Mouse

Species Reactivity
Human

Type
Fab - G1 - kappa

Expression Host
CHO

CAS
676258-98-3

Generic Name
Naptumomab estafenatox

UNII
93T929W6LC

MW
73.5 kDa

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

Applications
FuncS, IF, Neut, ELISA, FC, IP, ICC

Application Notes
The TPBG antibody has been reported in applications of Cyt, FuncS, PK, IHC, FC, SPR.

Formulation
C3255H5025N855O1050S18

Size
1mg

Storage
Store at -20°C for long-term storage. Store at 2-8°C for up to one month. Avoid freeze/thaw cycles.

Related Disease
Renal cell carcinoma (RCC)

ANTIGEN INFORMATION

Introduction
5T4 is a 72 kDa transmembrane glycoprotein that exhibits restricted expression in human and mouse adult tissues, is upregulated on many carcinomas and tumour expression correlates with poorer clinical outcome in ovarian, gastric and colorectal cancers. mES cells lack cell surface expression of the 5T4 antigen, and both protein and mRNA are rapidly upregulated following induction of differentiation. This proteins expression correlates with downregulation of OCT-4 and Tra-1-60.

Alternative Names
Naptumomab estafenatox;676258-98-3;ABR-217620;ABR-2177620;TPBG; trophiesblast glycoprotein;5T4;5T4 AG;5T4 oncofetal antigen;5T4 oncetrophoblast glycoprotein;5T4 oncofetal trophoblast glycoprotein;M6P1;5T4AG;

Gene ID
7162
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