

XmAb 5592

Chemical Properties

CAS No. : 1221901-33-2

Formula:

Molecular Weight: 145.80 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	XmAb 5592 is a Fc-engineered and humanized anti-HM1.24 antibody with anti-tumor activity, used in the study of multiple myeloma.
Targets(IC50)	Others
In vitro	XmAb5592 binds to HM1.24 with high binding affinity and Kd value of 1.5 nM. XmAb 5592 enhanced antibody-dependent cytotoxicity (ADCC) and antibody-dependent cytophagocytosis (ADCP) against multiple myeloma (MM) cells at concentrations ranging from 0 to 1000 ng/mL. XmAb5592 significantly enhanced the cleavage of MM cell lines and significantly increased the maximum cleavage efficiency (EC50 range 5-27 ng/mL). [1]
In vivo	SCID mice carrying RPMI8226 subcutaneous tumors were treated twice weekly with 0.9, 3.0, or 9.0 mg/kg of XmAb 5592, which inhibited RPMI8226 tumor growth in a dose-dependent manner. Its antitumor activity is mediated by an Fgamma-dependent mechanism. A single intravenous infusion of XmAb5592 at 20 mg/kg showed that a single dose of XmAb5592 depleted plasma cells in cymavores' blood and BM compartms. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0686 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481