

Anti-CD3-CD19 Bispecific Antibody(Blinatumomab)

Product information

GM-79712AB-10	10 µg
GM-79712AB-100	100 µg

Antibody Information

Species Reactivity	Human;
Clone	Blinatumomab
Source/Isotype	Monoclonal scFv kappa
Application	Activation assay
Specificity	Detects CD3-CD19
Gene	CD3-CD19
Other Names	/
Gene ID	/
Background	CD3 and CD19 are protein markers on the surface of immune cells. CD3 and CD19 are protein markers on the surface of immune cells. CD3 is a marker on the surface of T cells, while CD19 is a marker on the surface of B cells. These studies contribute to a deeper understanding of how the immune system works and its applications in disease treatment and immunotherapy.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Data Examples

Activation assay

Anti-CD3-CD19 Bispecific Antibody(Blinatumomab) and Raji Cell Line (Catalog # GM-C19100) activates the Jurkat CD3-BsAb Reporter Cell Line (Catalog #GM-C17940), which induces luminescence. The IC50 for this effect is 0.003606 ug/mL.

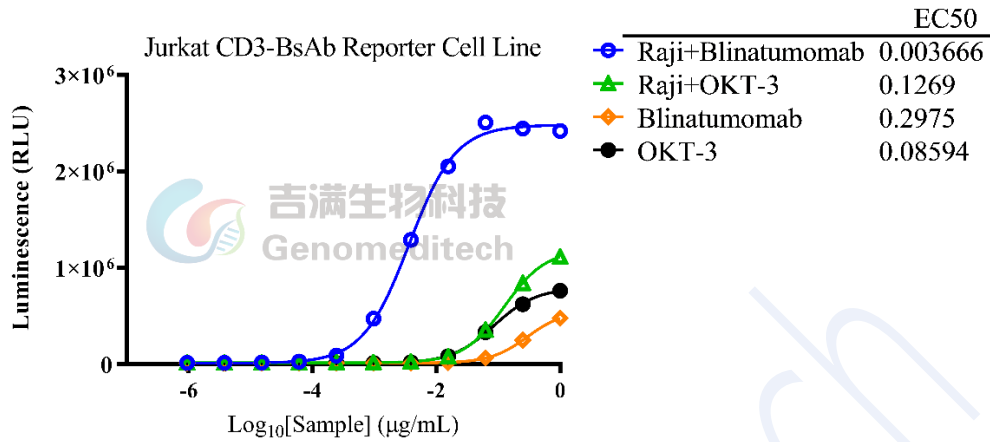


Fig. assay

Activation assay

Anti-CD3-CD19 Bispecific Antibody(Blinatumomab) and H_CD19 CHO-K1 Cell line (Catalog #GM-C19025) activates the Jurkat CD3-BsAb Reporter Cell Line (Catalog #GM-C17940), which induces luminescence. The IC50 for this effect is 0.003012 ug/mL.

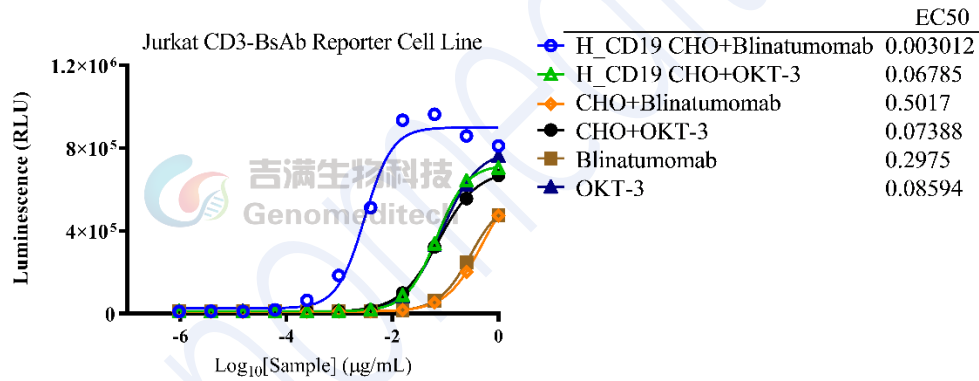


Fig. assay