

# Anti-CLEC5A×CD79B hIgG1 Bispecific Antibody(CD79b/5C7)

## Product information

GM-88512AB-10	10 µg
GM-88512AB-100	100 µg
GM-88512AB-1000	1 mg

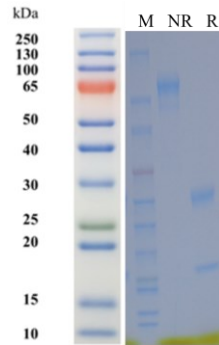
## Antibody Information

Species Reactivity	Human
Clone	CD79b/5C7
Source/Isotype	Human IgG1(hole/knob), Kappa
Application	/
Specificity	Detects CLEC5A、CD79B
Gene	CLEC5A&CD79B
Other Names	CLEC5A: CLECSF5, MDL-1, MDL1 CD79B: AGM6, B29, IGB, Igbeta
Gene ID	CLEC5A: 23601 (Human) CD79B: 974 (Human)
Background	CLEC5A, as a member of the C-type lectin domain family, plays a dual role in disease: as a tumor suppressor in osteosarcoma, reducing metastatic capacity by inhibiting the calcineurin/NFATC1 pathway; While in sepsis and bacterial pneumonia, the upregulation of endothelial CLEC5A expression can disrupt vascular barrier function, exacerbate lung injury, and become a potential therapeutic target. CD79B, a key component of the b-cell receptor complex, is highly expressed in > 95% of diffuse large b-cell lymphomas (DLBCL), and its aberrant activation can drive b-cell malignancy proliferation. Given the contradictory role of Clec5a in tumor suppression and inflammation regulation, and the specific expression of CD79B in b-cell malignancies, it is important to understand the role of CLEC5A and CD79B in b-cell malignancies, the development of Anti-CLEC5A × CD79B bispecific monoclonal antibody is expected to provide a novel therapeutic strategy for b-cell malignancies such as DLBCL by simultaneously blocking tumor proliferation signaling and inflammatory pathways.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

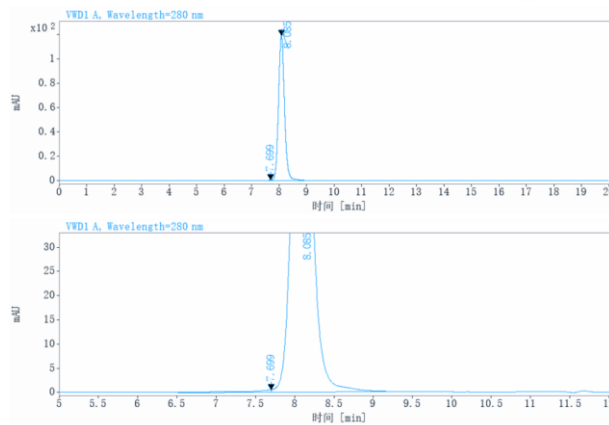
## Data Examples

### SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

### SEC-HPLC



The purity of this product is more than 90% verified by SEC-HPLC.