

CD79B, human recombinant protein**CD79b molecule, immunoglobulin-associated beta, AGM6, B29, IGB****Catalog # PBV10942r****Specification**

CD79B, human recombinant protein - Product info

Primary Accession	P40259
Concentration	1
Calculated MW	17.7 kDa (155 aa, 29-159 aa + His tag), confirmed by MALDI-TOF. KDa

CD79B, human recombinant protein - Additional Info

Gene ID	974
Gene Symbol	CD79B
Other Names	
CD79b molecule, immunoglobulin-associated beta, AGM6, B29, IGB	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMARSEDR YRNPKGSA SCS RIWQSPRFIA RKRGFVTKMH CYMNSASGNV SWLWKQEMDE NPQQLKLEKG RMEESQNESL ATLTIQGIRF EDNGIYFCQQ KCNNTSEVYQ GCGTEL RVMG FSTLAQLKQR NTLKD

Target/Specificity
CD79B**Format**
Liquid**Storage**
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 2 M Urea and 10% glycerol.**CD79B, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

CD79B, human recombinant protein - Images**CD79B, human recombinant protein - Background**

CD79B, also known as Igb and B29, is a 36 kDa transmembrane glycoprotein in the immunoglobulin superfamily. Heterodimers of CD79A and CD79B associate with a membrane bound immunoglobulin on the B cell surface to form the B cell antigen receptor complex (BCR). CD79A and CD79B are required for BCR-mediated signaling and consequently for the development and activation of B lineage cells. Recombinant human CD79B protein, fused to His-tag at N-terminus, was expressed in E.coli.

CD79B, human recombinant protein - References

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Wood W.J. Jr.,et al.Genomics 16:187-192(1993).
Hashimoto S.,et al.J. Immunol. 150:491-498(1993).
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