

Product datasheet for **TA386386**

Cd79b Monoclonal Antibody [Clone ID: HM79-16]

Product data:

Product Type:	Primary Antibodies
Clone Name:	HM79-16
Applications:	FC, IF, IHC, IP
Reactivity:	Mouse
Clonality:	Monoclonal
Immunogen:	HM79-16 was initially generated by purifying CD79b from WEHI231 B cells and used for immunisation of footpads of an Armenian hamster. Hybridoma supernatants were screened for positive reactivity in surface immunofluorescence of WEHI231 and then the specificity to CD79b was tested by immuno-precipitation. Recombinant anti-CD79 antibodies were engineered by cloning and sequencing the full-length IG heavy and light chains of an Armenian hamster (<i>Cricetulus migratorius</i>).
Specificity:	Reacts with an extracellular epitope of CD79b. A biotinylated HM79-16 was used and stained with streptavidin-FITC for analysis by FACS to identify variants of B lymphoma cell lines that have lost expression of the mu heavy chain, and for staining using a biotinylated HM79-16 (Condon 2000). HM79-16 has also been used in competitive binding assays to study its effect on the binding of CD79a to CD79b in the context of ameliorating autoimmune disease in mice (Yongmei Li 2008).
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	CD79B antigen
Database Link:	Entrez Gene 15985 Mouse P15530
Synonyms:	B29; Ig-beta; IGB



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