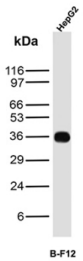
CD7 Antibody B-F12 / Mouse Monoclonal [clone B-F12] (V2962)

Catalog No.	Formulation	Size
V2962-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2962-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2962SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (3)

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	B-F12
Purity	Protein G affinity chromatography
UniProt	P09564
Localization	Cell surface
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 0.5-1ug/ml Western blot: 2-4ug/ml
Limitations	This CD7 Antibody B-F12 is available for research use only.



CD7 Antibody B-F12 HepG2 WB. Western blot analysis of human HepG2 cell lysate using CD7 antibody detecting CD7, clone B-F12. A band is observed at approximately 35-40 kDa, consistent with the expected molecular weight of CD7, a transmembrane glycoprotein typically expressed on T lymphocytes and natural killer cells. Detection in HepG2 cells may reflect low-level or context-dependent expression or background signal.

Description

CD7 is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-/B-cell interaction during early lymphoid development. [Wiki]

For an alternative recombinant monoclonal antibody targeting this T-cell surface marker, see our CD7 Antibody CD7/3868R, validated for western blot and immunohistochemistry.

Application Notes

Optimal dilution of the CD7 Antibody B-F12 should be determined by the researcher.

Immunogen

Chronic Lymphoid Leukemia (CLL) cells were used as the immunogen for the CD7 antibody.

Storage

Store the CD7 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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