

EIF4B Ab

[Images\(1\)](#)

Cat.#: BF0398 Concn.: ~1mg/ml Mol.Wt.: 80kDa
Size: Source: Mouse Clonality: Monoclonal

Application: ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000, FCM
1:200-1:400

*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse

Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH
7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.
Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

Immunogen: Purified recombinant fragment of human EIF4B expressed in E. Coli.

Uniprot: P23588

Description: eukaryotic translation initiation factor 4B. Required for the binding of
mRNA to ribosomes. Functions in close association with EIF4-F and
EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF4-F and
ATP. Promotes the ATPase activity and the ATP-dependent RNA
unwinding activity of both EIF4-A and EIF4-F.

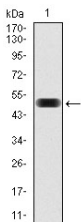


Figure 1: Western blot analysis using EIF4B mAb against human EIF4B (AA: 381-585) recombinant protein. (Expected MW is 48.3 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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