



EIF2AK3 Mouse Monoclonal Antibody

E10-30115

Background: The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.

Catalog Number: E10-30115

Amount: 100µg/100µl

Clone Number: 5G5

Species: Mouse IgG1

MW: 125kDa

Aliases: PAX8

Entrez Gene: 9451

Immunogen: Purified recombinant fragment of human EIF2AK3 expressed in E. Coli.

Storage: Store at 4°C, for long term storage, store at -20°C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human

Tested Applications: WB, ELISA. Not yet tested in other applications.

Application notes: WB: 1/500 - 1/2000, ELISA: Propose dilution 1/10000.

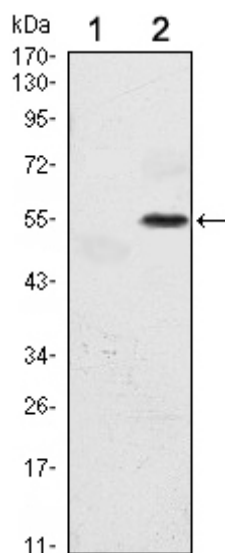


Figure 1: Western blot analysis using EIF2AK3 mAb against HEK293 (1) and EIF2AK3-hlgGfC transfected HEK293 (2) cell lysate.

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