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## **[KD-Validated] Anti-EIF2AK4 Rabbit Monoclonal Antibody**

Cat No.: KD-10351

### **Aliases:**

EIF2AK4; Eukaryotic Translation Initiation Factor 2 Alpha Kinase 4; GCN2; KIAA1338; EIF-2-Alpha Kinase GCN2; GCN2-Like Protein; Eukaryotic Translation Initiation Factor 2-Alpha Kinase 4; General Control Nonderepressible; GCN2 EIF2alpha Kinase; EIF-2-Alpha Kinase; EC 2.7.11.1; PVD2

### **Background:**

UniProt Entry: [Q9P2K8](#);NCBI Gene Entry: [440275](#)

### **Application Information**

Molecular Weight: Predicted, 187 kDa, observed, 187 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB5295 Spncies Reactivity: Human, Rat Applications Tested: Western Blotting (WB), Flow Cytometry (FCM)

### **Immunogen**

A synthesized peptide derived from human GCN2

### **Isotype**

Rabbit IgG

### **Storage Buffer**

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

### Storage

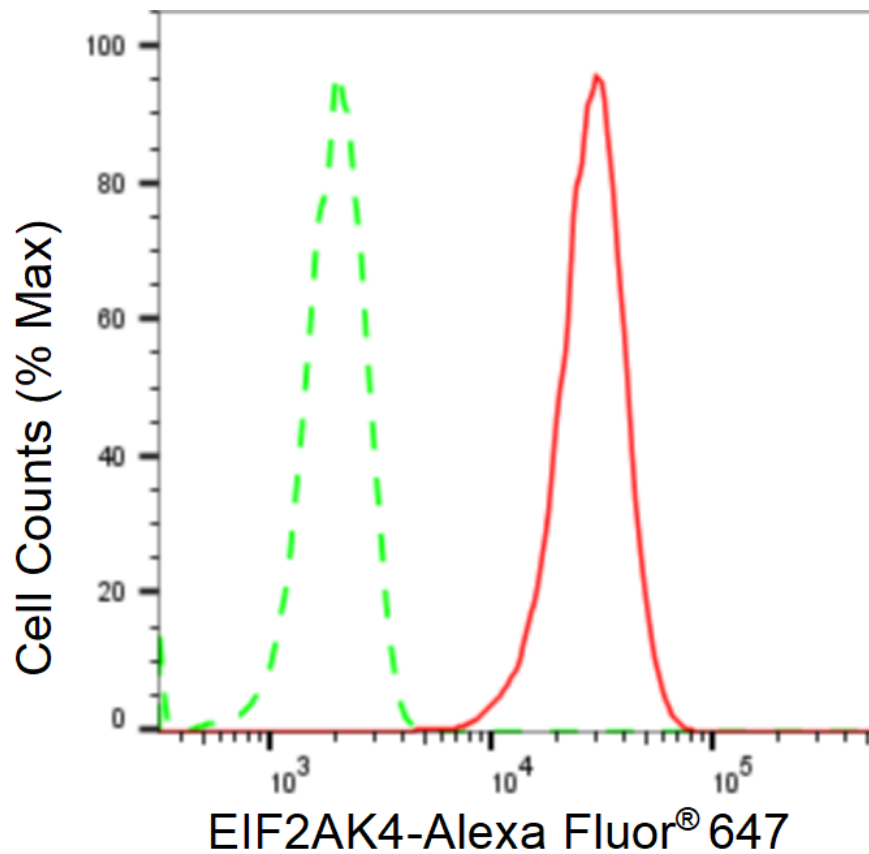
Store at -20 °C for one year.

### Recommended Dilutions

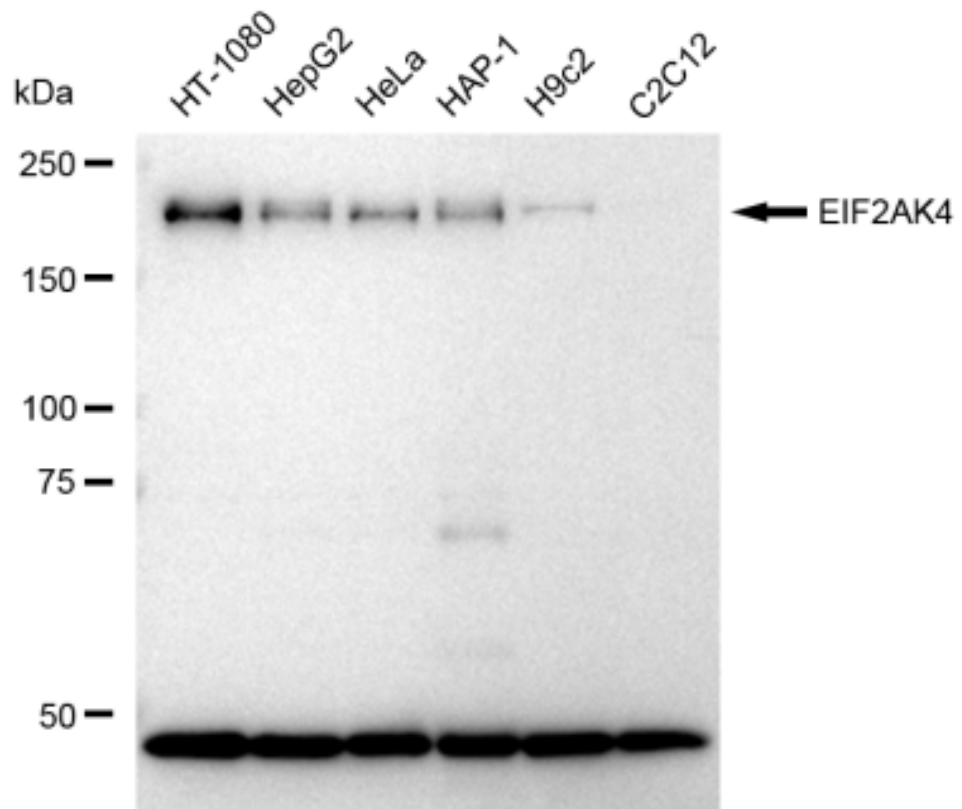
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000

### Protocols

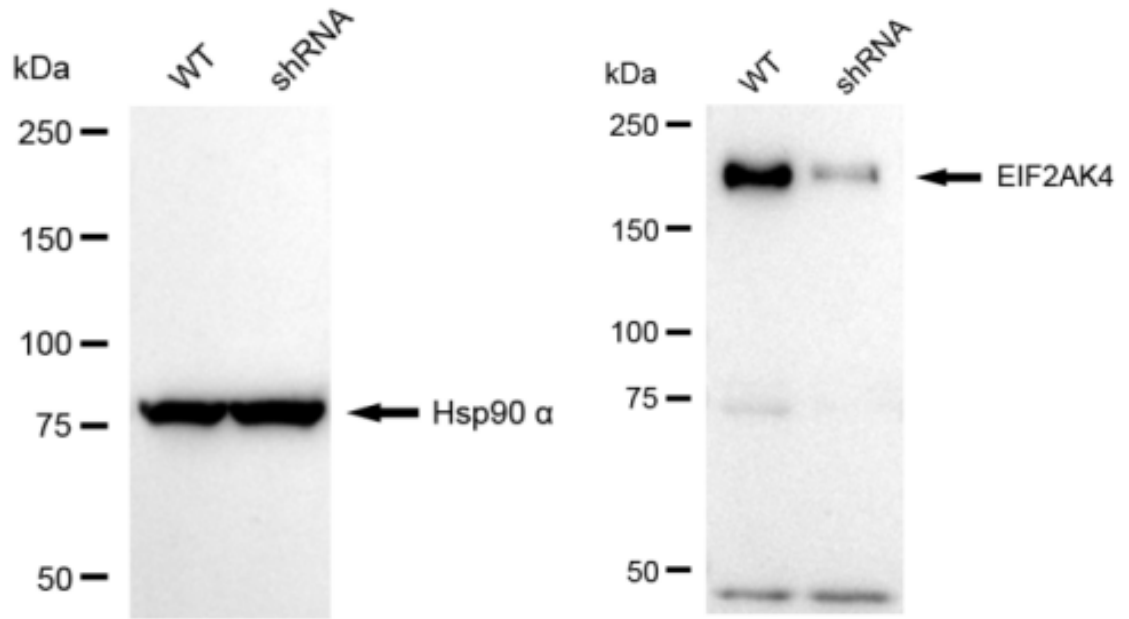
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



Flow cytometric analysis of EIF2AK4 expression in HT-1080 cells using EIF2AK4 antibody 1:2,000. Green, isotype control; red, EIF2AK4.



Western blotting analysis using anti-EIF2AK4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-EIF2AK4 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .