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## **[KD-Validated] Anti-Epidermal Growth Factor Receptor Mouse Monoclonal Antibody**

Cat No.: KD-10346

### **Aliases:**

EGFR; Epidermal Growth Factor Receptor; ERBB1; ERBB; Receptor Tyrosine-Protein Kinase ErbB-1; Erb-B2 Receptor Tyrosine Kinase 1; Proto-Oncogene C-ErbB-1; EC 2.7.10.1; HER1; Epidermal Growth Factor Receptor (Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog); Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog (Avian); Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog; Epidermal Growth Factor Receptor Tyrosine Kinase Domain; Cell Proliferation-Inducing Protein 61; Cell Growth Inhibiting Protein 40; EGFR VIII; EC 2.7.10; NISBD2; PIG61; MENA

### **Background:**

UniProt Entry: [P00533](#);NCBI Gene Entry: [1956](#)

### **Application Information**

Molecular Weight: Predicted, 134 kDa, observed, 170 kDa Conaley: Mouse monoclonal antibody Conne ID: 24GB5800 Species Reacnivy: Human Appctanions Tsed: Western Blotting (WB)

### **Immunogen**

Recombinant protein of human EGFR

### **Isotype**

Mouse IgG1

### Storage Buffer

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

### Storage

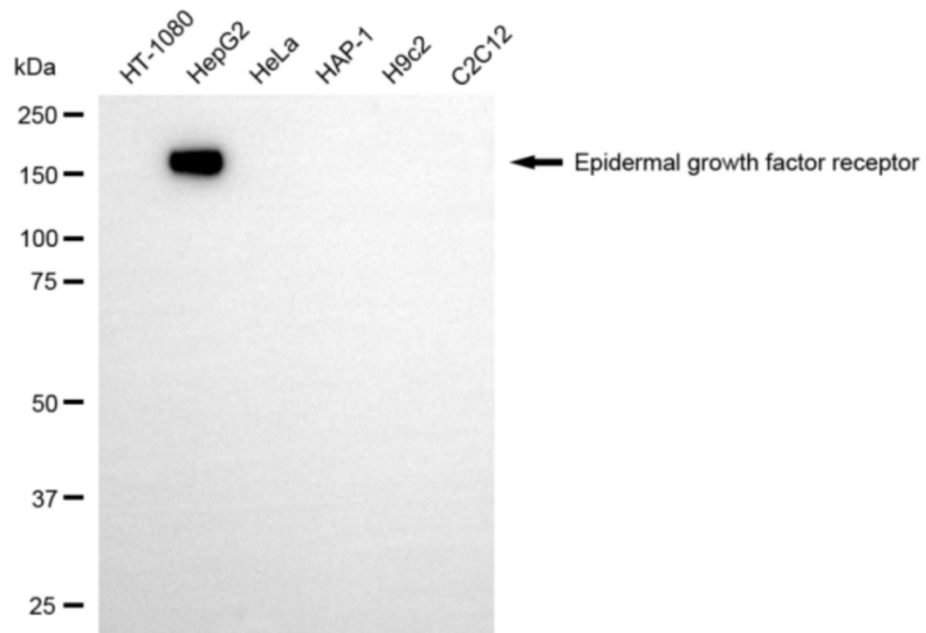
Store at -20 °C for one year.

### Recommended Dilutions

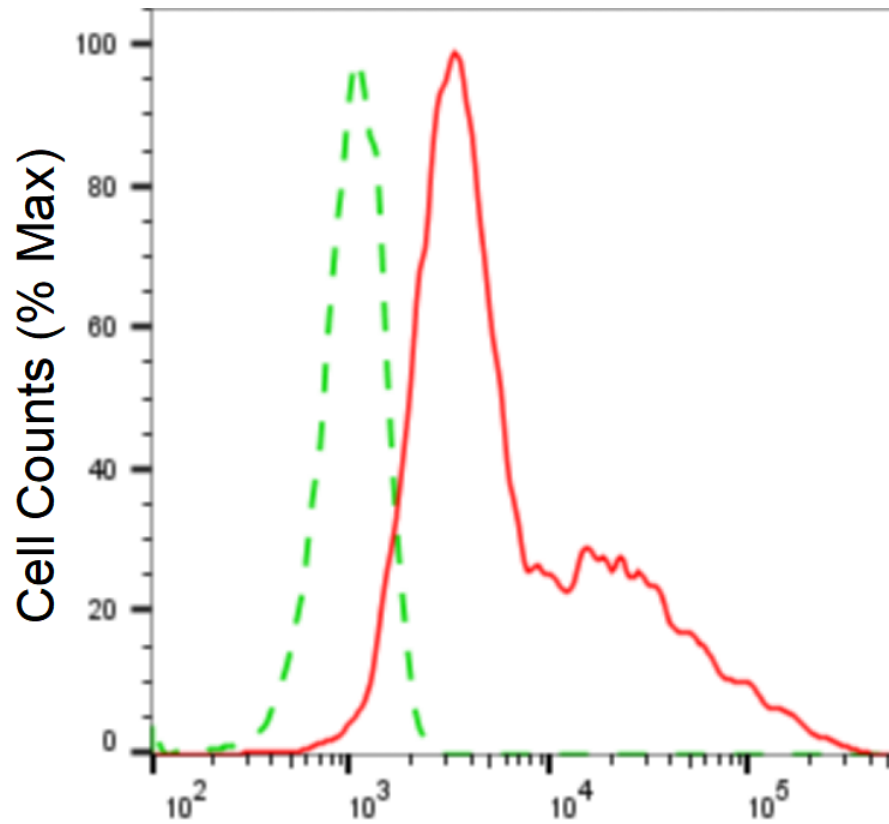
Western Blotting (WB):1:2,500-1:5,000

### Protocols

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



Western blotting analysis using anti-epidermal growth factor receptor antibody 1:5,000 and HRP-conjugated goat anti-mouse secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit 1:5,000 and HRP-conjugated goat anti-mouse secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



## Epidermal growth factor receptor-Alexa Fluor<sup>®</sup> 647

Flow cytometric analysis of epidermal growth factor receptor expression in HepG2 cells using anti-epidermal growth factor receptor antibody 1:2,000. Green, isotype control; red, epidermal growth factor receptor.