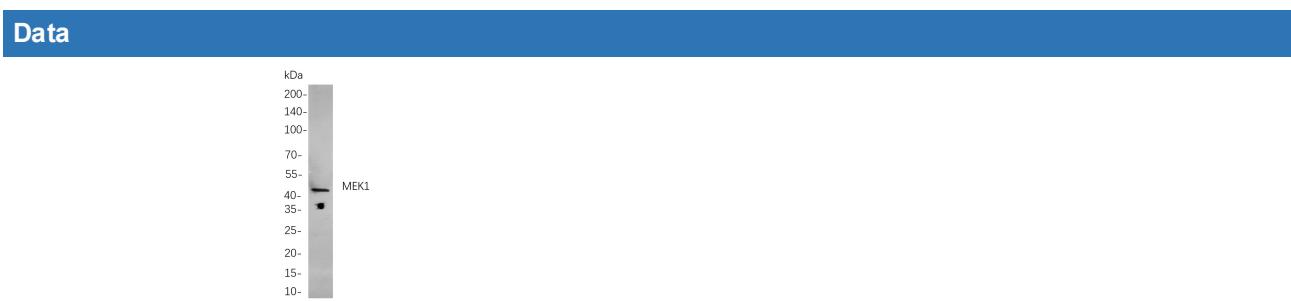


Recombinant MEK1 Monoclonal Antibody

catalog number: AN300935L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

| Description | |
|--------------|---|
| Reactivity | Human;Mouse;Rat |
| Immunogen | Recombinant Human MEK1 protein |
| Host | Rabbit |
| Isotype | IgG,κ |
| Clone | B882 |
| Purification | Protein A |
| Buffer | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |
| Applications | |
| IHC | 1:2000-1:5000 |
| WB | 1:1000-1:5000 |
| IF | 1:200-1:1000 |
| ELISA | 1:5000-1:20000 |



Western Blot with Recombinant MEK1 Monoclonal Antibody

at dilution of 1:1000 dilution. Lane A: A431 cells.

Observed-MW:43 kDa

Calculated-MW:43 kDa

| Preparation & Storage | |
|-----------------------|---|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | Ice bag |

Background

The protein encoded by this gene is a member of the dual specificity protein kinase family, which acts as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein kinase lies upstream of MAP kinases and stimulates the enzymatic activity of MAP kinases upon wide variety of extra- and intracellular signals. As an essential component of MAP kinase signal transduction pathway, this kinase is involved in many cellular processes such as proliferation, differentiation, transcription regulation and development.

For Research Use Only

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