

## Mouse Monoclonal Antibody to KLF15

**Catalogue Number** sAP-0260

**Target Molecule** **Name:** KLF15

**Aliases:** KKLF; DKFZp779M1320

**MW:** 44kDa

**Entrez Gene ID:** 28399

**Description** KLF15 (Kruppel-like factor 15), also known as KKLF, DKFZp779M1320. Entrez Protein NP\_054798. Sequence analysis predicted that the 416 amino acid KLF15 protein, which is 84% identical to the rat Klf15 protein, contains 3 zinc finger motifs at its C terminus, N-terminal serine-rich stretches, and a central proline-rich segment. KLF15, a kidney-enriched Krueppel-like factor, is a transcriptional activator that binds the CLCNKA promoter. KLF15, which is a nuclear protein, is expressed primarily in liver, heart, skeletal muscle and kidney tissues but is not detected in lymphoid tissues or bone marrow. KLF15 is an important regulator of GLUT4 in both adipose and muscle tissues.

**Immunogen** Purified recombinant fragment of human KLF15 expressed in E. Coli.

**Reactive Species** Human

**Clone** MM2G8;

**Size and Concentration** 100µg/1mg/ml

**Supplied as** Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;

**Reconstitution/Storages** Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage

**Applications** ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000

**Shipping** Regular FEDEX overnight shipment (ambient temperature)

**Reference** 1. Mol Cell Biol. 2000 Oct;20(19):7319-31. ; 2. Diabetologia. 2005 Jul;48(7):1315-22.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**