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# **Recombinant PEDF Monoclonal Antibody**

catalog number: AN301984L

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

### Description

Reactivity Human;

**Immunogen** Peptide. This information is proprietary to PTMab.

 Host
 Rabbit

 Isotype
 IgG, κ

 Clone
 A704

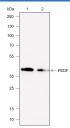
Purification Protein A purified

**Buffer** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

**WB** 1:1000

#### Data



Western Blot with PEDF Monoclonal Antibody at dilution of

1:1000. Lane 1: K562, Lane 2: TF-1

Observed-MW:46 kDa Calculated-MW:46 kDa

## **Preparation & Storage**

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

## **Background**

PEDF also known as serpin F1 (SERPINF1), is a multifunctional secreted protein that has anti-angiogenic, anti-tumorigenic, and neurotrophic functionsis. It is an approximately 50-kDa secreted protein that is widely expressed, including by osteoblasts and osteoclasts. PEDF is also one of the most abundant secretory products of adipocytes, and circulating concentrations of PEDF correlate positively with body fat mass and INS resistance. PEDF is a neurotrophic factor involved in neuronal differentiation in retinoblastoma cells. Mutations in this gene were found in individuals with osteogenesis imperfecta, type VI.