

Recombinant PEDF Monoclonal Antibody

catalog number: **AN301984L**

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

Description

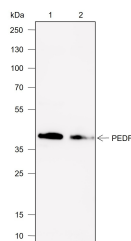
Reactivity	Human
Immunogen	Peptide. This information is proprietary to PTMab.
Host	Rabbit
Isotype	IgG, κ
Clone	C331605
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:1000
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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	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 functions. 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.

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