

AG-25B-0029

30-Nov-2012

anti-PEDF, pAb (IN104)

[Pigment Epithelium-derived Factor; Cell Proliferation-inducing Gene 35 Protein; EPC-1; Serpin F1]

AG-25B-0029-C100 100 µg

Source/Host Rabbit
Immunogen Recombinant human PEDF (AG-40B-0077).

Handling / Storage

Shipping BLUE ICE
Short Term Storage +4°C
Long Term Storage -20°C

After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

Use / Stability

Stable for at least 1 year after receipt when stored at -20°C.

MSDS available at www.adipogen.com or upon request.

Product Specifications

Specificity Recognizes human and mouse PEDF.
Species Crossreactivity Human / Mouse
Application **ELISA**
 Western Blot: (1:1'000)
Formulation Liquid. In PBS containing 10% glycerol and 0.02% sodium azide.
Concentration 0.5 mg/ml

Product Description

Pigment epithelium-derived factor (PEDF) is a 47kDa secreted glycoprotein that belongs to the non-inhibitory serpin family group. PEDF is widely expressed in adult and fetal tissues, including brain, spinal cord, plasma, bone, prostate, pancreas, heart and lung. PEDF acts as an angiogenesis inhibitor with neurotrophic, immunomodulation and antitumor properties. It functions as anti-angiogenic agent by counterbalancing the proangiogenic effect of VEGF. PEDF is one of the most abundant proteins released by adipocytes and induces insulin resistance in adipocytes and human skeletal muscle cells. Recently, it has been reported that PEDF is sufficient to maintain the self-renewal of pluripotent human embryonic stem cells.

WARNING: Intended for research use only. This product is not intended or approved for human, diagnostics, therapeutic or veterinary use. Use of this product for human or animal testing is extremely hazardous and may result in disease, severe injury, or death. **MATERIAL SAFETY DATA:** Review the complete Material Safety Data Sheet before use.

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