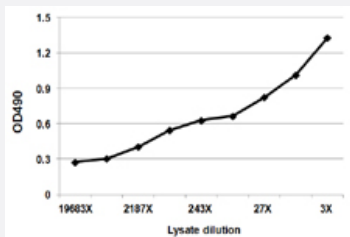


SPEG (Human) Matched Antibody Pair

Catalog # H00010290-AP11 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 2187x to 3x dilution of the SPEG 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human SPEG.
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (96)
Quality Control Testing	Standard curve using SPEG 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 2187x to 3x dilution of the SPEG 293T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: rabbit affinity purified polyclonal anti-SPEG (100 ug) 2. Detection antibody: mouse monoclonal anti-SPEG, IgG1 Kappa (20 ug) *Reagents are sufficient for at least 1-2 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Recombinant protein)

[Protocol Download](#)

Gene Info — SPEG

Entrez GeneID [10290](#)

Gene Name SPEG

Gene Alias APEG1, BPEG, KIAA1297, MGC12676, SPEGalpha, SPEGbeta

Gene Description SPEG complex locus

Gene Ontology [Hyperlink](#)

Gene Summary Expression of this gene is thought to serve as a marker for differentiated vascular smooth muscle cells which may have a role in regulating growth and differentiation of this cell type. The encoded protein is highly similar to the corresponding rat and mouse proteins. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of only one variant has been defined. [provided by RefSeq]

Other Designations OTTHUMP00000064868|aortic preferentially expressed gene 1|aortic preferentially expressed protein 1|nuclear protein, marker for differentiated aortic smooth muscle and down-regulated with vascular injury|striated muscle preferentially expressed protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)