



PRODUCT DATA SHEET

Bioworld Technology, Inc.

PSG9 polyclonal antibody

Catalog: BS35791

Host: Rabbit

Reactivity: Human

BackGround:

Pregnancy-specific beta-1-glycoprotein 9: Binds to the small latent transforming growth factor-beta complex, consisting of the N-terminal TGFB1 latency-associated peptide (LAP) and the mature form of TGFB1, thereby leading to the activation of TGFB1. The activation of TGFB1 leads to stimulation of naive CD4(+) T-cells to increase FoxP3 expression and to an increase in the number of FoxP3(+) regulatory T-cells. Induces the differentiation of a suppressive CD4(+)LAP(+)FoxP3(-) T-cell subset. Induces the secretion of TGFB1 in macrophages, but not in activated CD4(+) T-cells. May reduce the expression of several pro-inflammatory cytokines and chemokines by CD4(+) T-cells, including IL2 and IL6

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~48.3 kDa

Swiss-Prot:

Q00887

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of PSG9 protein

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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