



GroPep Bioreagents



IGFBP-rP1 Polyclonal Antibody (Rabbit)

Description

Human IGFBP-rP1 is also known as IGFBP-7, MAC25 protein, PG12 stimulating factor, prostacyclin-stimulating factor and tumour derived adhesion factor. It is a 256 amino acid glycoprotein with structural homology to IGF binding proteins. It binds IGF-I and IGF-II with low affinity and stimulates prostacyclin production and causes cell adhesion.

This IGFBP-rP1 antibody was prepared by immunising rabbits with a 14 amino acid peptide from the Ig-like C2 type domain, linked to diphtheria toxoid. The peptide sequence is unique to IGFBP-rP1. The antibody recognises human IGFBP-rP1 but no other IGF binding protein or related protein. Although the sequence is derived from human IGFBP-rP1, the antibody should recognise IGFBP-rP1 in non-human primates, cattle, sheep and pigs and potentially several other species although this should be experimentally determined. The immunoglobulin fraction was purified by Protein A affinity chromatography. The antibody is suitable for use in immunoassay, immunoblotting and immunohistochemistry.

References:

Oh Y *et al* (1996) Journal of Biological Chemistry **271**, 30322-30325.

Immunogen:

Derived from UniProtKB/Swiss-Prot sequence ID Q16270 human IGFBP-7. The peptide sequence is amino-acids 197-210 (IGFBP-7₈₇₋₁₀₁) conjugated to diphtheria toxoid.

Source:

Affinity purified rabbit antiserum

Specificity:

Recognises Human IGFBP-rP1. Specificity for other species should be determined. No cross-reactivity against other IGF binding proteins.

Appearance:

Lyophilized powder

Storage/Stability:

At least 2 years at 2 - 4°C (lyophilized).
After reconstitution store at -20°C or -80°C
Avoid freeze-thaw cycles

Reconstitution:

Dissolve the vial contents in 200 µl sterile water and then dilute in a buffer suitable for the application.

Application and Titre:

Each application and titre should be determined in house.
The recommended range for use is 1:250 – 1:10,000.

Product Codes and Pricing

IGFBP-rP1
Polyclonal Antibody

200 µg **PAAD1**

****NOT FOR USE IN HUMANS****

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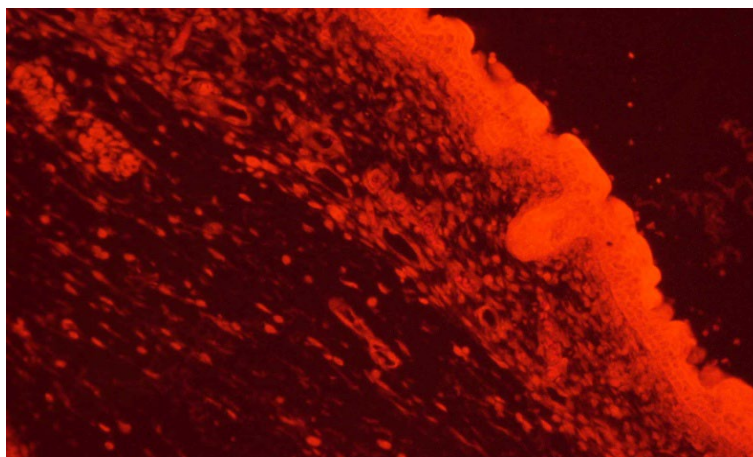


Figure 1 Embryonic rat skin

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