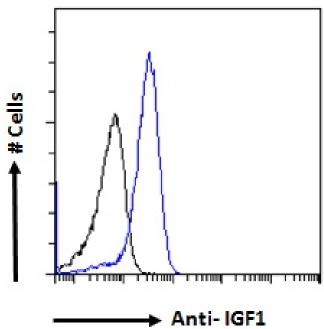
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Telephone: (650) 697-3600

## **GOAT ANTI-IGF1 ANTIBODY**





## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 

Instructions Aliquot and store at -20°C. Minimize freezing and thawing. Storage

Synonym /

Alias IGF1|OTTHUMP00000195084|insulin-like growth factor 1 (somatomedin C)|insulin-like growth factor 1|IGF1|IGF1A

Names

<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of HEK293 cells. Usage Recommended concentration: 10µg/ml. <strong>Flow Cytometry:</strong> Flow cytometric analysis of A549 Summary

cells. Recommended concentration: 10ug/ml.

Accession

NP\_001104753.1; NP\_001104754.1; NP\_001104755.1; NP\_000609.1

**Blocking Peptide** 

EBP10358

Peptide with sequence C-RSVRAQRHTD, from the internal region of the protein sequence according to **Immunogen** 

NP\_001104753.1; NP\_001104754.1; NP\_001104755.1; NP\_000609.1.





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This antibody is expected to recognize all reported isoforms (NP\_001104753.1; NP\_001104754.1; NP\_001104755.1; **Product** 

NP\_000609.1). Comments

**Peptide** Sequence

C-RSVRAQRHTD

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

Shipping

Refrigerated Refrigerated

**Predicted Species** 

Human, Mouse, Rat, Dog, Cow, Pig

Reactive

Human **Species** 

Human

3479 **Gene ID** 

Mouse Gene ID

16000

Rat Gene ID 24482

Product

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite plus medium.png Grade

IHC Results Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.

**ELISA** 

Detection Antibody detection limit dilution 1:32000.

Limit

Approx 15kDa band observed in Human Uterus lysates (calculated MW of 15.2kDa according to NP 001104754.1).

Western Blot

Recommended concentration 0.5-2µg/ml. Primary incubation 1 hour at room temperature. <strong> Negative Control:</strong> HepG2 cell lysate. Preliminary testing was unsuccessful on Mouse and Rat for this particular

batch.

Application

Pep-ELISA, WB, IHC, IF, FC Type

#### SELECTED REFERENCES

[{"pmid": 31682800, "intro": "This antibody has been successfully used in Western blot on Rat:", "title": "Ligustrazine prevents basilar artery remodeling in two-kidney-two-clip renovascular hypertension rats via suppressing PI3K/Akt signaling", "author": "Zhang B, Zhang Y, Deng F, Fang S", "journal": "Microvascular Research, Volume 128, March 2020, 103938"}]

## DOCUMENTS

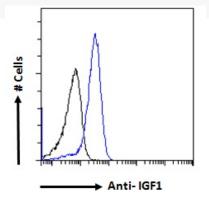
Data Sheet

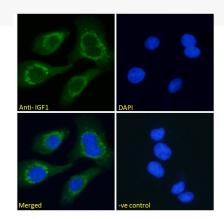
# **GALLERY IMAGES**

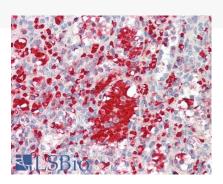


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