

Datasheet for ABIN3031355
anti-IGFBP4 antibody (AA 66-92)[Go to Product page](#)

3 Images

Overview

Quantity:	0.4 mL
Target:	IGFBP4
Binding Specificity:	AA 66-92
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IGFBP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 66-92 from the human protein was used as the immunogen for this IGFBP4 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Bovine, Pig
Purification:	Antigen affinity purified

Target Details

Target:	IGFBP4
Alternative Name:	IGFBP4 (IGFBP4 Products)
Background:	IGFBP4 has an IGFBP domain and a thyroglobulin type-I domain. The protein binds both insulin-

Target Details

like growth factors (IGFs) I and II and circulates in the plasma in both glycosylated and non-glycosylated forms. Binding of this protein prolongs the half-life of the IGFs and alters their interaction with cell surface receptors.

UniProt: [P22692](#)

Pathways: [WNT Signaling, Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: Titration of the IGFBP4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Format: Liquid

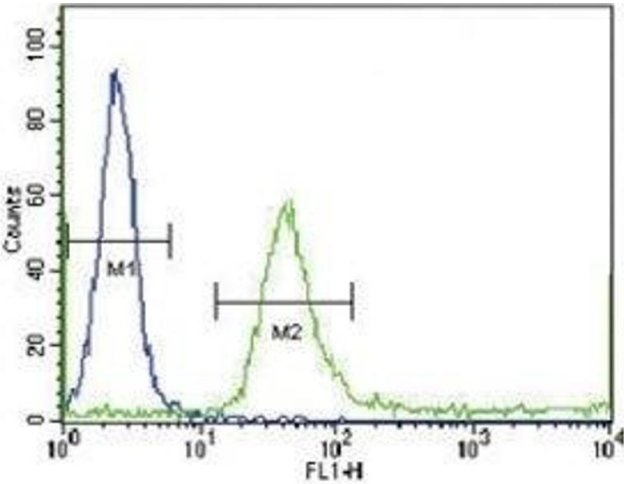
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

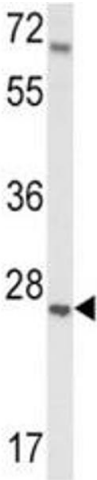
Storage: -20 °C

Storage Comment: Aliquot the IGFBP4 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



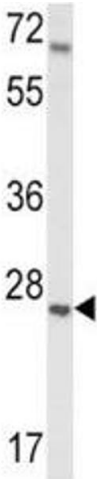
Flow Cytometry

Image 1. IGFBP4 antibody flow cytometric analysis of WiDr cells (green) compared to a negative control (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Western blot analysis of IGFBP4 antibody and mouse lung tissue lysate.



Western Blotting

Image 3. Western blot analysis of IGFBP4 antibody and mouse lung tissue lysate.