

产品名称: IGF1R Mouse Monoclonal Antibody
产品货号: AMM82607



产品概述 (Summary)

产品名称 (Production Name)	IGF1R Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IGF1R
别名 (Alternative Names)	IGFR; CD221; IGFIR; JTK13
基因 ID (Gene ID)	3480.0
蛋白 ID (SwissProt ID)	P08069.Purified recombinant fragment of human IGF1R (AA: extra(741-935)) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	154.8kDa

研究背景 (Background)

This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth

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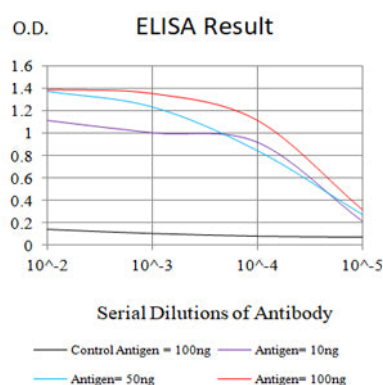


factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an anti-apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

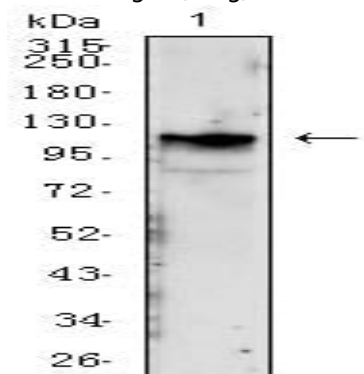
研究领域 (Research Area)

PI3K-Akt signaling pathway, Jak-STAT signaling pathway, Hippo signaling pathway

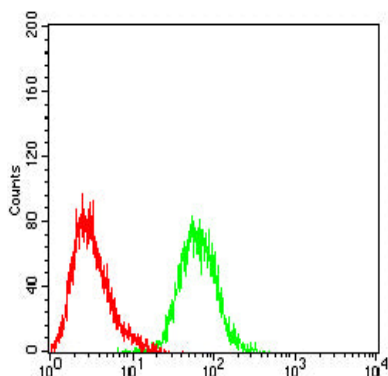
图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

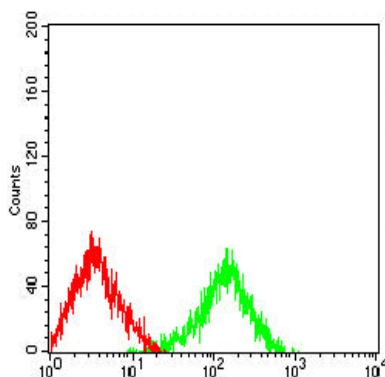


Western blot analysis using IGF1R mouse mAb against NIH3T3 (1), cell lysate.



Flow cytometric analysis of HepG2 cells using IGF1R mouse mAb (green) and negative control (red).

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Flow cytometric analysis of Lovo cells using IGF1R mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .