

Anti-IGF2 antibody [EPR12221] ab177467

リコンビナント RabMAb

3 References [画像数 3](#)

製品の概要

製品名	Anti-IGF2 antibody [EPR12221]
製品の詳細	Rabbit monoclonal [EPR12221] to IGF2
由来種	Rabbit
特異性	ab177467 has been found not to cross react with mouse or rat IGF-2 in western blot testing.
アプリケーション	適用あり: ICC/IF, WB 適用なし: IHC-P or IP
種交差性	交差種: Human 非交差種: Mouse, Rat
免疫原	Synthetic peptide within Human IGF2 aa 50-150 (internal sequence). The exact sequence is proprietary. Database link: P01344
ポジティブ・コントロール	Recombinant human IGF2 protein (ab9575) can be used as a positive control in WB. Human serum lysate and HepG2 cells.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

	supernatant
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR12221
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab177467の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

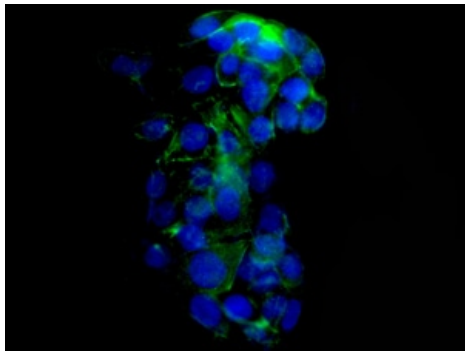
アプリケーション	Abreviews	特記事項
ICC/IF		1/50 - 1/100.
WB		1/1000 - 1/5000. Predicted molecular weight: 20 kDa.

追加情報 Is unsuitable for IHC-P or IP.

ターゲット情報

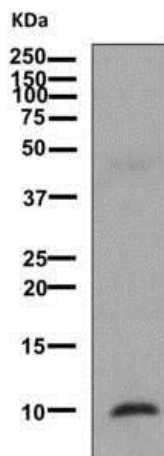
機能	The insulin-like growth factors possess growth-promoting activity. In vitro, they are potent mitogens for cultured cells. IGF-II is influenced by placental lactogen and may play a role in fetal development. Preptin undergoes glucose-mediated co-secretion with insulin, and acts as physiological amplifier of glucose-mediated insulin secretion. Exhibits osteogenic properties by increasing osteoblast mitogenic activity through phosphoactivation of MAPK1 and MAPK3.
関連疾患	Epigenetic changes of DNA hypomethylation in IGF2 are a cause of Silver-Russell syndrome (SIRS) [MIM:180860]. SIRS is a clinically heterogeneous condition characterized by severe intrauterine growth retardation, poor postnatal growth, craniofacial features such as a triangular shaped face and a broad forehead, body asymmetry, and a variety of minor malformations.
配列類似性	Belongs to the insulin family.
翻訳後修飾	O-glycosylated with a core 1 or possibly core 8 glycan.
細胞内局在	Secreted.

画像



Immunofluorescence analysis of HepG2 cells labeling IGF2 (green) with ab177467 at 1/50 dilution. DAPI nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-IGF2 antibody [EPR12221] (ab177467)



Anti-IGF2 antibody [EPR12221] (ab177467) at 1/1000 dilution + Human serum lysate at 10 μ g

Secondary


Goat-anti-rabbit HRP at 1/2000 dilution

Developed using the ECL technique.

Predicted band size: 20 kDa

Western blot - Anti-IGF2 antibody [EPR12221] (ab177467)

Why choose a recombinant antibody?



- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

Anti-IGF2 antibody [EPR12221] (ab177467)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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