

Product datasheet

Anti-CD44 antibody ab103552

画像数 3

製品の概要

製品名	Anti-CD44 antibody
製品の詳細	Rabbit polyclonal to CD44
アプリケーション	<b>適用あり:</b> ICC/IF, WB
種交差性	<b>交差種:</b> Human
免疫原	Full length protein, corresponding to amino acids 1-361 of Human CD44, isoform 12 (ENSP00000263398).
ポジティブ・コントロール	Human spleen tissue lysate, CD44 transfected 293T cell line lysates.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: None Constituents: 1X PBS, pH 7.2
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab103552** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent concentration.
WB		1/500 - 1/1000. Predicted molecular weight: 82 kDa.

ターゲット情報

**機能** Receptor for hyaluronic acid (HA). Mediates cell-cell and cell-matrix interactions through its

affinity for HA, and possibly also through its affinity for other ligands such as osteopontin, collagens, and matrix metalloproteinases (MMPs). Adhesion with HA plays an important role in cell migration, tumor growth and progression. Also involved in lymphocyte activation, recirculation and homing, and in hematopoiesis. Altered expression or dysfunction causes numerous pathogenic phenotypes. Great protein heterogeneity due to numerous alternative splicing and post-translational modification events.

**組織特異性**

Isoform 10 (epithelial isoform) is expressed by cells of epithelium and highly expressed by carcinomas. Expression is repressed in neuroblastoma cells.

**配列類似性**

Contains 1 Link domain.

**ドメイン**

The lectin-like LINK domain is responsible for hyaluronan binding.

**翻訳後修飾**

Proteolytically cleaved in the extracellular matrix by specific proteinases (possibly MMPs) in several cell lines and tumors.

N-glycosylated.

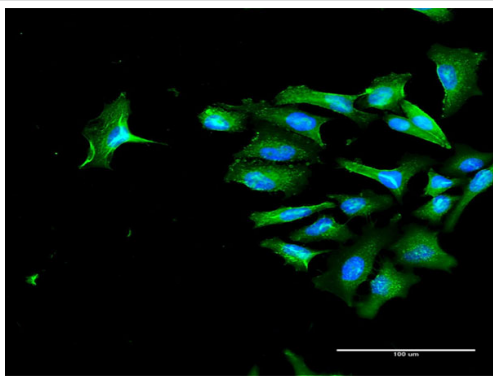
O-glycosylated; contains more-or-less-sulfated chondroitin sulfate glycans, whose number may affect the accessibility of specific proteinases to their cleavage site(s).

Phosphorylated; activation of PKC results in the dephosphorylation of Ser-706 (constitutive phosphorylation site), and the phosphorylation of Ser-672.

**細胞内局在**

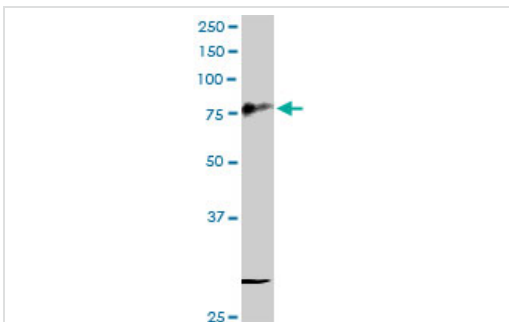
Membrane.

**Anti-CD44 antibody 画像**



Immunocytochemistry/ Immunofluorescence analysis of HeLa cells labeling CD44 with ab103552 at 30 ug/ml.

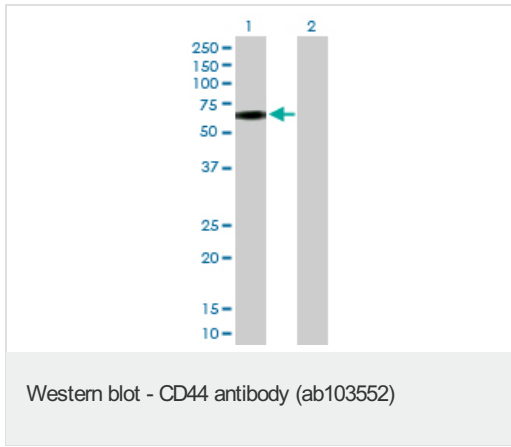
Immunocytochemistry/ Immunofluorescence - Anti-CD44 antibody (ab103552)



Anti-CD44 antibody (ab103552) at 1/500 dilution + Human spleen tissue lysate at 25 μg

**Predicted band size : 82 kDa**

Western blot - CD44 antibody (ab103552)



**All lanes** : Anti-CD44 antibody (ab103552) at

1/500 dilution

**Lane 1** : CD44 transfected 293T cell line

lysate

**Lane 2** : Non-transfected 293T cell line lysate

Lysates/proteins at 25 µg per lane.

**Predicted band size** : 82 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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