

### Anti-Aggrecan antibody [6-B-4] - BSA and Azide free ab255969

リコンビナント

画像数 4

#### 製品の概要

製品名	Anti-Aggrecan antibody [6-B-4] - BSA and Azide free
製品の詳細	Mouse monoclonal [6-B-4] to Aggrecan - BSA and Azide free
由来種	Mouse
特異性	This antibody detects recombinant human Aggrecan by Western Blotting. We have been unable to detect endogenous protein in WB with this antibody. However, there are many citations indicating this antibody is able to detect Aggrecan in endogenous sample lysates.
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Human, Recombinant fragment
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Recombinant human Aggrecan protein. IHC-P: Human cartilage sections.
特記事項	<p>ab255969 is the carrier-free version of <a href="#">ab3778</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p>

## 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	6-B-4
アイソタイプ	IgG1

## アプリケーション

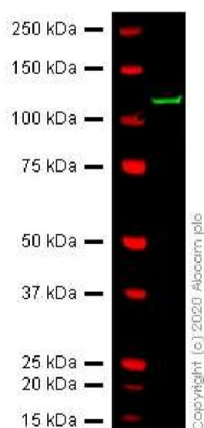
**The Abpromise guarantee**      **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab255969の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 250 kDa.
IHC-P		Use at an assay dependent concentration. Perform enzymatic antigen retrieval before commencing with IHC staining protocol.

## ターゲット情報

関連性	Aggrecan is a member of a family of large, aggregating proteoglycans (also including versican, brevican and neurocan) which is found in articular cartilage. Aggrecan is composed of three major domains: G1, G2, and G3. Between the G1 and G2 domains there is an interglobulin region (IGD). The IGD region is the major site of cleavage by specific proteases like metalloproteinases (MMPs) and aggrecanase. Aggrecan cleavage has been associated with a number of degenerative diseases including rheumatoid arthritis and osteoarthritis. There is evidence that this family of proteoglycans modulates cell adhesion, migration, and axonal outgrowth in the CNS.
細胞内局在	Secreted; extracellular matrix.

## 画像

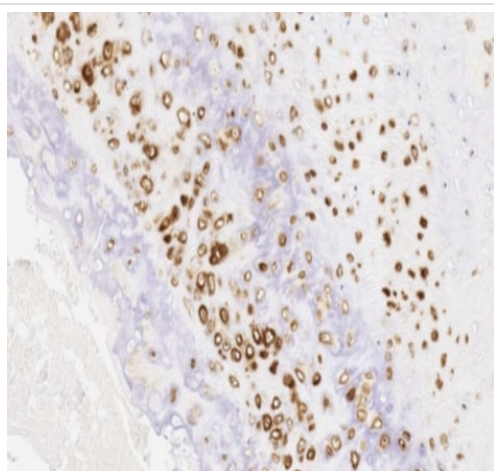


Western blot - Anti-Aggrecan antibody [6-B-4] - BSA and Azide free (ab255969)

This data was produced using the same clone but in a different buffer formulation, [ab3778](#).

[ab3778](#) was shown to react with recombinant human Aggrecan protein in western blot.

Membranes were blocked in fluorescent western blot (TBS-based) blocking solution before incubation with [ab3778](#) at 1 µg/ml overnight at 4°C. Blots were incubated with Goat anti-Mouse IgG H&L (IRDye®800CW) preabsorbed ([ab216772](#)) at a 1/20000 dilution for 1 hour at RT.

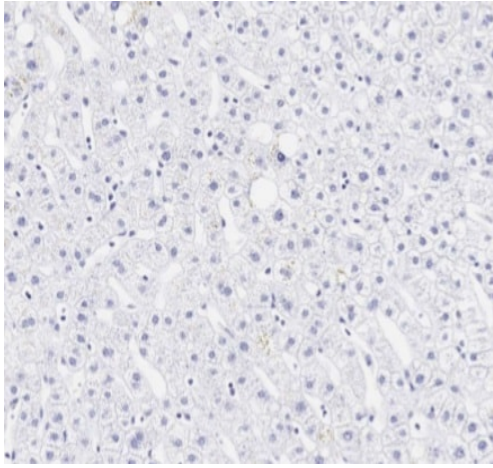


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aggrecan antibody [6-B-4] - BSA and Azide free (ab255969)

This data was produced using the same clone but in a different buffer formulation, [ab3778](#).

Secreted staining of cartilage cells.

Staining performed on a Leica BOND RX™ system using the standard protocol F. The section was pre-treated using enzymatic retrieval, for 15mins. The section was then incubated with [ab3778](#), 0.05 µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



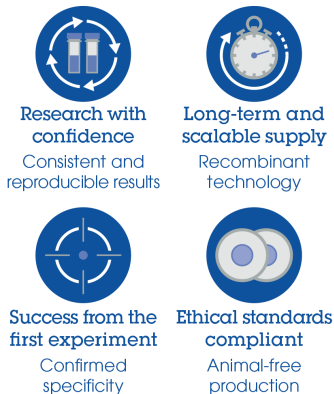
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Aggrecan antibody [6-B-4] - BSA and Azide free (ab255969)

This data was produced using the same clone but in a different buffer formulation, **ab3778**.

No staining in negative control tissue (human normal liver).

Staining performed on a Leica BOND RXTM system using the standard protocol F. The section was pre-treated using enzymatic retrieval, for 15mins. The section was then incubated with **ab3778**, 0.05µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

#### Why choose a recombinant antibody?



Anti-Aggrecan antibody [6-B-4] - BSA and Azide free (ab255969)

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