




Anti-Aggrecan ARGxx antibody [BC-3] ab3773

★★★★★ **1 Abreviews** **70 References**

製品の概要

製品名	Anti-Aggrecan ARGxx antibody [BC-3]
製品の詳細	Mouse monoclonal [BC-3] to Aggrecan ARGxx
由来種	Mouse
特異性	Recognises the aggrecanase (ADAMTS-1, -4 & -5)-generated N-terminal neoepitope ARG after cleavage between amino acids EGE and ARG within the interglobular domain of aggrecanase-catabolised aggrecan (Human aggrecan sequence enumeration). This antibody will not recognise the sequence ...ARG.. if it is in the non-cleaved intact aggrecan protein core; i.e. it will only recognise the aggrecanase generated neoepitope ARG... Samples need to be deglycosylated for epitope recognition (see notes).
アプリケーション	適用あり: ICC/IF, ELISA, Sandwich ELISA, IHC-Fr, IHC-P, WB
種交差性	交差種: Rat, Sheep, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Human, Pig 非交差種: Mouse
免疫原	Synthetic peptide corresponding to Aggrecan ARGxx.  Run BLAST with  Run BLAST with 
特記事項	Samples must be deglycosylated using 0.01 Units Chondroitinase ABC (Sigma), 0.01 Units Keratanase (Seikagaku) and 0.0001 Units Keratanase II (Seikagaku) per 10µg S-GAG of non-deglycosylated aggrecan for optimal epitope recognition. See Little et al. and Caterson et al. Diluted Technomouse culture supernatant.

Aggrecan degradation products containing this neoepitope are rapidly released from the tissue in model explant culture systems and are also present in the synovial fluids of patients with degenerative joint disease.

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

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 or -80°C. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: 3.16% Tris HCl
精製度	Tissue culture supernatant
一次抗体 備考	Aggrecan degradation products containing this neoepitope are rapidly released from the tissue in model explant culture systems and are also present in the synovial fluids of patients with degenerative joint disease.
ポリ/モノ	モノクローナル
クローン名	BC-3
ミエローマ	x63-Ag8.653
アイソタイプ	IgG1
軽鎖の種類	kappa

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ab3773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
ICC/IF		Use at an assay dependent concentration. PubMed: 24312401
ELISA	★★★★★ (1)	Use at an assay dependent concentration.
Sandwich ELISA		Use at an assay dependent concentration. PubMed: 19932675
IHC-Fr		Use at an assay dependent concentration. This antibody should work in IHC on alcohol-fixed frozen sections or un-fixed snap-frozen sections.
IHC-P		Use at an assay dependent concentration. This antibody should work in IHC on formalin- or paraformaldehyde-fixed paraffin embedded sections.
WB		Use at an assay dependent concentration. Detects a variety of epitopes between 50 and 250 kDa.

ターゲット情報

関連性 Aggrecan has been detected in neural precursor cells (neurospheres; Kabos et al, 2004) During differentiation, neurospheres downregulate Chondroitin sulfate proteoglycans (CSPGs). Proliferating neural precursors synthesize lecticans, including aggrecan, which are downregulated with differentiation; suggesting a link between CSPGs and CNS precursor biology.

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