



Anti-Aggrecan ARGxx antibody [BC-3] ab3773

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

概述

产品名称	Anti-Aggrecan ARGxx抗体[BC-3]
描述	小鼠单克隆抗体[BC-3] to Aggrecan ARGxx
宿主	Mouse
特异性	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).
经测试应用	适用于: ICC/IF, ELISA, Sandwich ELISA, IHC-Fr, IHC-P, WB
种属反应性	与反应: Rat, Sheep, Rabbit, Horse, Guinea pig, Cow, Cat, Dog, Human, Pig 不与反应: Mouse
免疫原	Synthetic peptide corresponding to Aggrecan ARGxx.  Run BLAST with Expasy  Run BLAST with NCBI
常规说明	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.

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性能

形式	Liquid
存放说明	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.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituent: 3.16% Tris HCl
纯度	Tissue culture supernatant
Primary antibody说明	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.
克隆	单克隆
克隆编号	BC-3
骨髓瘤	x63-Ag8.653
同种型	IgG1
轻链类型	kappa

应用

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“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

相关性

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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