

Datasheet for ABIN2119374  
**anti-Biglycan antibody (AA 48-158)**



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1 Image

## Overview

Quantity:	100 µL
Target:	Biglycan (BGN)
Binding Specificity:	AA 48-158
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Biglycan antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Biglycan (BGN)
Immunogen:	BGN (AA 48-158)
Sequence:	MGHHHHHSG SEF- SGV PDLDSLTPTF SAMCPFGCHC HLRVVQCS DL GLKTVPKEIS PDTLLDLQN NDISELRKDD FKGLQHLYAL VLVNNKISKI HEKAFSP L RK LQKLYISKNH LVEIPPNL
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against BGN. It has been selected for its ability to recognize BGN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

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Target:	Biglycan (BGN)
Alternative Name:	Biglycan ( <a href="#">BGN Products</a> )
Background:	DSPG1, PG-S1, PGI, SLRR1A, Biglycan Proteoglycan, Bone/cartilage proteoglycan I
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

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Application Notes:	Western blotting: 0.2-2 µg/mL,1:500-5000 Immunohistochemistry: 5-20 µg/mL,1:50-200 Immunocytochemistry: 5-20 µg/mL,1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.
Handling Advice:	Avoid repeated freeze/thaw cycles
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

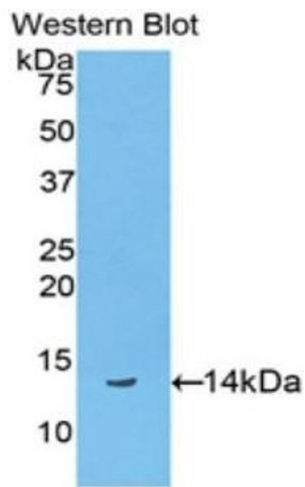
Handling

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Expiry Date: 12 months

Images

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### Western Blotting

Image 1.