

## Anti-Biglycan Antibody (Detection)

| Catalog #           | Source                                                                                                     | Reactivity        | Applications |
|---------------------|------------------------------------------------------------------------------------------------------------|-------------------|--------------|
| CAP1911-D           | Mouse                                                                                                      | H                 | SE           |
| Description         | Mouse monoclonal detection antibody to Biglycan                                                            |                   |              |
| Immunogen           | Recombinant protein of human Biglycan                                                                      |                   |              |
| Purification        | The antibody was purified by Protein A/G affinity chromatography.                                          |                   |              |
| Specificity         | Recognizes native and recombinant human Biglycan protein                                                   |                   |              |
| Clonality           | Monoclonal                                                                                                 |                   |              |
| Conjugation         |                                                                                                            |                   |              |
| Form                | Mouse IgG2a. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 0.09% Sodium Azide.                        |                   |              |
| Dilution            |                                                                                                            |                   |              |
| Gene Symbol         | BGN                                                                                                        |                   |              |
| Alternative Names   | SLRR1A; Biglycan; Bone/cartilage proteoglycan I; PG-S1                                                     |                   |              |
| Entrez Gene (Human) | Entrez Gene (Mouse)                                                                                        | Entrez Gene (Rat) |              |
| 633                 |                                                                                                            |                   |              |
| SwissProt (Human)   | SwissProt (Mouse)                                                                                          | SwissProt (Rat)   |              |
| P21810              |                                                                                                            |                   |              |
| Directions for Use  | Recommmended pair for sandwich immunoassay - Capture: CAP1911-C;<br>Recommmended standard protein: CST1911 |                   |              |
| Storage/Stability   | Shipped at 4°C. Upon delivery aliquot and store at -20°C for 1 year. Avoid freeze/thaw cycles.             |                   |              |

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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