

# Product Data Sheet

## Anti-CCN2 Antibody (Detection)

| Catalog #           | Source                                                                                                                                                                                                       | Reactivity        | Applications |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|
| CAP1638-D           | Mouse                                                                                                                                                                                                        | H                 | SE           |
| Description         | Mouse monoclonal detection antibody to CCN2                                                                                                                                                                  |                   |              |
| Immunogen           | Recombinant protein of human CCN2                                                                                                                                                                            |                   |              |
| Purification        | The antibody was purified by Protein A/G affinity chromatography.                                                                                                                                            |                   |              |
| Specificity         | Recognizes native and recombinant human CCN2 protein                                                                                                                                                         |                   |              |
| Clonality           | Monoclonal                                                                                                                                                                                                   |                   |              |
| Conjugation         |                                                                                                                                                                                                              |                   |              |
| Form                | Mouse IgG2a. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 0.09% Sodium Azide.                                                                                                                          |                   |              |
| Dilution            |                                                                                                                                                                                                              |                   |              |
| Gene Symbol         | CTGF                                                                                                                                                                                                         |                   |              |
| Alternative Names   | CCN2; HCS24; IGFBP8; Connective tissue growth factor; CCN family member 2; Hypertrophic chondrocyte-specific protein 24; Insulin-like growth factor-binding protein 8; IBP-8; IGF-binding protein 8; IGFBP-8 |                   |              |
| Entrez Gene (Human) | Entrez Gene (Mouse)                                                                                                                                                                                          | Entrez Gene (Rat) |              |
| 1490                |                                                                                                                                                                                                              |                   |              |
| SwissProt (Human)   | SwissProt (Mouse)                                                                                                                                                                                            | SwissProt (Rat)   |              |
| P29279              |                                                                                                                                                                                                              |                   |              |
| Directions for Use  | Recommmended pair for sandwich immunoassay - Capture: CAP1638-C; Recommmeded standard protein: CST1638                                                                                                       |                   |              |
| 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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