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## Product Datasheet

### Calpastatin Antibody, IgG1, Clone: [CAST/1550], Mouse, Monoclonal NBT-831-MSM1-P1ABX

|                            |                                                                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Calpastatin Antibody, IgG1, Clone: [CAST/1550], Mouse, Monoclonal                                                                                                                                                                                                          |
| Biozol Catalog Number      | NBT-831-MSM1-P1ABX                                                                                                                                                                                                                                                         |
| Supplier Catalog Number    | 831-MSM1-P1ABX                                                                                                                                                                                                                                                             |
| Alternative Catalog Number | NBT-831-MSM1-P1ABX-100                                                                                                                                                                                                                                                     |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                                         |
| Host                       | Mouse                                                                                                                                                                                                                                                                      |
| Category                   | Antikörper                                                                                                                                                                                                                                                                 |
| Application                | ELISA, IHC                                                                                                                                                                                                                                                                 |
| Species Reactivity         | Human                                                                                                                                                                                                                                                                      |
| Immunogen                  | Recombinant full-length human CAST protein                                                                                                                                                                                                                                 |
| Product Description        | Calpastatin is an intracellular calcium-dependent protease that cleaves cytoskeletal and sub-membranous proteins. Calpains are non-lysosomal, calcium-activated intracellular cysteine proteases. Calpains mediate specific Ca <sup>2+</sup> - dependent processes incl... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                                 |
| Clone Designation          | [CAST/1550]                                                                                                                                                                                                                                                                |
| Molecular Weight           | 126kDa                                                                                                                                                                                                                                                                     |
| Isotype                    | IgG1                                                                                                                                                                                                                                                                       |
| NCBI                       | <a href="#">831</a>                                                                                                                                                                                                                                                        |

|                   |                                                                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P20810</a>                                                                                                                                                                                                                                        |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                                                                                        |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                                                                                           |
| Application Notes | ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 |