

## Anti-Serpin A1 Antibody (Detection)

| Catalog #           | Source                                                                                                | Reactivity        | Applications |
|---------------------|-------------------------------------------------------------------------------------------------------|-------------------|--------------|
| CAP2273-D           | Mouse                                                                                                 | H                 | SE           |
| Description         | Mouse monoclonal detection antibody to Serpin A1                                                      |                   |              |
| Immunogen           | Recombinant protein of human Serpin A1                                                                |                   |              |
| Purification        | The antibody was purified by Protein A/G affinity chromatography.                                     |                   |              |
| Specificity         | Recognizes native and recombinant human Serpin A1 protein                                             |                   |              |
| Clonality           | Monoclonal                                                                                            |                   |              |
| Conjugation         |                                                                                                       |                   |              |
| Form                | Mouse IgG2b. Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 0.09% Sodium Azide.                   |                   |              |
| Dilution            |                                                                                                       |                   |              |
| Gene Symbol         | SERPINA1                                                                                              |                   |              |
| Alternative Names   | AAT; PI; Alpha-1-antitrypsin; Alpha-1 protease inhibitor; Alpha-1-antiproteinase; Serpin A1           |                   |              |
| Entrez Gene (Human) | Entrez Gene (Mouse)                                                                                   | Entrez Gene (Rat) |              |
| 5265                |                                                                                                       |                   |              |
| SwissProt (Human)   | SwissProt (Mouse)                                                                                     | SwissProt (Rat)   |              |
| P01009              |                                                                                                       |                   |              |
| Directions for Use  | Recommmended pair for sandwich immunoassay - Capture: CAP2273-C; Recommmded standard protein: CST2273 |                   |              |
| 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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# Product Data Sheet

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