

# Product Data Sheet

## Cytokeratin 8 Blocking Peptide

| Catalog #                 | Source  | Reactivity           | Applications |
|---------------------------|---|----------------------|--------------|
| CBP1659                   | Synthetic   | H, M, R, B, D, P, Rb | BL           |
| <b>Description</b>        | The peptide is used to block Anti-Cytokeratin 8 Antibody (#CPA1659) reactivity.   |                      |              |
| <b>Form</b>               | Lyophilized powder  |                      |              |
| <b>Gene Symbol</b>        | KRT8  |                      |              |
| <b>Alternative Names</b>  | CYK8; Keratin, type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8  |                      |              |
| <b>Entrez Gene</b>        | 3856 (Human); 16691 (Mouse); 25626 (Rat)  |                      |              |
| <b>SwissProt</b>          | P05787 (Human); P11679 (Mouse); Q10758 (Rat)  |                      |              |
| <b>Purity</b>             | >85%  |                      |              |
| <b>Quality Control</b>    | The quality of the peptide was evaluated by reversed-phase HPLC and by mass spectrometry.   |                      |              |
| <b>Directions for Use</b> | Blocking Peptide to the diluted primary antibody in a molar ratio of 10:1 (peptide to antibody) and incubate the mixture at 4°C for overnight or at room temperature for 2 hours. |                      |              |
| <b>Storage/Stability</b>  | Shipped at 4°C. Store at -20°C for one year.  |                      |              |

**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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