

# Product Data Sheet

## Anti-CD13 Antibody

| Catalog #                | Source                                                                                                                                                                          | Reactivity | Applications |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|
| CPA7302                  | Rabbit                                                                                                                                                                          | H, M       | WB, IH       |
| <b>Description</b>       | Rabbit polyclonal antibody to CD13                                                                                                                                              |            |              |
| <b>Immunogen</b>         | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CD13. The exact sequence is proprietary.                                             |            |              |
| <b>Purification</b>      | The antibody was purified by immunogen affinity chromatography.                                                                                                                 |            |              |
| <b>Specificity</b>       | Recognizes endogenous levels of CD13 protein.                                                                                                                                   |            |              |
| <b>Clonality</b>         | Polyclonal                                                                                                                                                                      |            |              |
| <b>Form</b>              | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                                                       |            |              |
| <b>Dilution</b>          | WB (1/500 - 1/1000), IH (1/100 - 1/200)                                                                                                                                         |            |              |
| <b>Gene Symbol</b>       | ANPEP                                                                                                                                                                           |            |              |
| <b>Alternative Names</b> | APN; CD13; PEPN; Aminopeptidase N; AP-N; hAPN; Alanyl aminopeptidase; Aminopeptidase M; AP-M; Microsomal aminopeptidase; Myeloid plasma membrane glycoprotein CD13; gp150; CD13 |            |              |
| <b>Entrez Gene</b>       | 290 (Human); 16790 (Mouse)                                                                                                                                                      |            |              |
| <b>SwissProt</b>         | P15144 (Human); P97449 (Mouse)                                                                                                                                                  |            |              |
| <b>Storage/Stability</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C for one 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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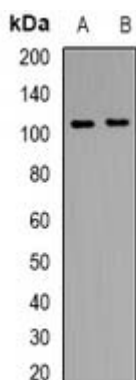
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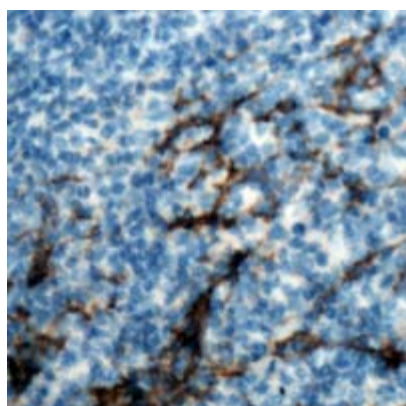
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## Product Data Sheet



Western blot analysis of CD13 expression in THP1 (A), mouse brain (B) whole cell lysates.



Immunohistochemical analysis of CD13 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugate compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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