

# Anti-CD13 [22A5] mAb

**Catalogue number:** 152690

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Mike Horton

**Institute:** Queen Mary University of London

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CD13 [22A5] mAb

**Alternate name:** Alanyl Aminopeptidase; Membrane; Microsomal Aminopeptidase; Aminopeptidase M; Myeloid Plasma Membrane Glycoprotein CD13; GP15; CD13; PEPN

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Aminopeptidase N (CD13) is a cell-surface metalloprotease involved in the metabolism of regulatory peptides. 22A5 may be useful for the diagnosis and immunophenotyping of leukaemia.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** A cell suspension containing osteoclasts from osteoclastomas.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Cells of myelomonocytic lineage

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Aminopeptidase N (CD13)

**Target alternate names:**

**Target background:** Aminopeptidase N (CD13) is a cell-surface metalloprotease involved in the metabolism of regulatory peptides. 22A5 may be useful for the diagnosis and immunophenotyping of leukaemia.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; IHC ; IP

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Fitzgerald et al. 2018. Am J Reprod Immunol. 80(1):e12860. PMID: 29726582. ; Streicher

et al. 2017. Sci Rep. 7(1):6460. PMID: 28744019. ; Multicolor flow cytometry and nanoparticle tracking analysis of extracellular vesicles in the plasma of normal pregnant and pre-eclamptic women. ; Dragovic et al. 2013. Biol Reprod. 89(6):151. PMID: 24227753. ; Tucker et al. 1985. Br J Cancer. 51(5):631-9. PMID: 2986664. ; Epenetos et al. 1985. Br J Cancer. 51(5):641-4. PMID: 3994908. ; Serum marker potential of placental alkaline phosphatase-like activity in testicular germ cell tumours evaluated by H17E2 monoclonal antibody assay. ; Monoclonal antibody assay of serum placental alkaline phosphatase in the monitoring of testicular tumours. ; Travers et al. 1984. Int J Cancer. 33(5):633-41. PMID: 6202646. ; Preparation and characterization of monoclonal antibodies against placental alkaline phosphatase and other human trophoblast-associated determinants. ; Epenetos et al. 1984. Br J Cancer. 49(1):11-5. PMID: 6362705. ; An immunohistological study of testicular germ cell tumours using two different monoclonal antibodies against placental alkaline phosphatase.

CancerTools.org