

# Anti-CD4

**Catalogue number:** 152630

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Ayham Alnabulsi

**Institute:** Vertebrate Antibodies Limited

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CD4

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** CD4 is a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Zebrafish

**Selectivity:**

**Host:** Rabbit

**Immunogen:** Peptide sequences ??Â? positions 31-44 and 151-164

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** ELISA - peptide immunogen; WB - CD4 transfected CHO cells; IHC - M.

marinum infected zebrafish; FACS - Isolated leukocytes; IF - Isolated leukocytes

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Cluster of differentiation 4 (CD4)

**Target alternate names:**

**Target background:** CD4 is a membrane glycoprotein of T lymphocytes that interacts with major histocompatibility complex class II antigens and is also a receptor for the human immunodeficiency virus. This gene is expressed not only in T lymphocytes, but also in B cells, macrophages, and granulocytes. It is also expressed in specific regions of the brain.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; FACS ; IHC ; IF ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** -80° C

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

## Related tools

**Related tools:**

## References

**References:** Yoon et al. 2016. Fish Shellfish Immunol. :. PMID: 27539703.

CancerTools.org