

# Anti-IAb +Ea peptide [YAe]

**Catalogue number:** 155244

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:**

**Institute:** Yale University

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-IAb +Ea peptide [YAe]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Monoclonal antibody which binds YAe antigen on B cells and antigen presenting cells. Background and Research Application This YAe antibody reacts with a class II major histocompatibility complex (MHC) self Ea peptide (peptide 52-68) bound to I-Ab molecules. The YAe antibody binds to an epitope expressed on a subset of class II I-Ab molecules in strains that also express class II I-Eb. This epitope is found on peripheral B cells and on cells in the thymic medulla, but not thymic cortical epit...

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:** P14483

**Immunogen UNIPROT ID:** P14483

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** MHC Class II (IA/IE)

**Target alternate names:**

**Target background:** Monoclonal antibody which binds YAE antigen on B cells and antigen presenting cells. Background and Research Application This YAE antibody reacts with a class II major histocompatibility complex (MHC) self Ea peptide (peptide 52-68) bound to I-Ab molecules. The YAE antibody binds to an epitope expressed on a subset of class II I-Ab molecules in strains that also express class II I-Eb. This epitope is found on peripheral B cells and on cells in the thymic medulla, but not thymic cortical epit...

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**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:** Store at -20° C frozen. Avoid repeated freeze / thaw cycles

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

## Related tools

**Related tools:**

## References

**References:** Knapp et al. 2010. PLoS One. 5(7):e11653. PMID: 20657836. ; Roth et al. 1997. J Exp Biol. 200(Pt 14):2057-62. PMID: 9246787. ; Liu et al. 1990. J Exp Med. 172(6):1735-9. PMID: 2147950. ; Jones et al. 1981. Eur J Immunol. 11(7):584-92. PMID: 6974646.

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