

# Anti-Lactase [mlac1]

**Catalogue number:** 151686

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Dallas Swallow

**Institute:** University College London (UCL)

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Lactase [mlac1]

**Alternate name:** Mlac1 - [4E11242}

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Anti-mlac1 clone 4E11<sub>242</sub> detects lactase protein in small intestines to assess lactose absorption status.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Partly purified lactase prepared by Sepharose S300 gel filtration in 10mM sodium phosphate buffer (pH8.0) containing 1% emulphogen

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Human Lactase

**Target alternate names:**

**Target background:** Anti-mlac1 clone 4E11242 detects lactase protein in small intestines to assess lactose absorption status.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** IP ; RIA ; WB ; DB

**Application notes:** There is no cross reactivity in rabbit. Also has application in enzyme immunoassay (EIA).

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/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:** Davies et al. 2010. Nat Cell Biol. 12(10):963-72. PMID: 20852630. ; Identification of a co-

activator that links growth factor signalling to c-Jun/AP-1 activation.

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