

# Anti-Lactase [mlac5]

**Catalogue number:** 151690

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Dallas Swallow

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

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Lactase [mlac5]

**Alternate name:** AKA: Mlac5 - [3G5<sub>1/2</sub>G6]

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Anti-mlac5 clone 3G51/2G6 detects lactase protein in small intestine to assess lactose absorption status.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human ; Rabbit

**Selectivity:**

**Host:** Mouse

**Immunogen:** Normal jejunal epithelial brush border-enriched membranes from a non-secretor, blood group O

**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:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:** 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:** Green et al. 1988. Subcell Biochem. 12:119-53. PMID: 3043765. ; Expression of the ABH, Lewis, and related antigens on the glycoproteins of the human jejunal brush border.