

# Anti-Y hapten (C14) [NCRC56]

**Catalogue number:** 153167

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** David Baldwin

**Institute:** University of Nottingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Y hapten (C14) [NCRC56]

**Alternate name:** C14

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Y haptens are carbohydrate surface antigens formed by the difucosylation of Type-2-blood-group chains. The expression of Y haptens is frequently elevated in colo-rectal tumours in comparison to adjacent, apparently normal tissue.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** Human colonic adenoma

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Y hapten

**Target alternate names:**

**Target background:** Y haptens are carbohydrate surface antigens formed by the difucosylation of Type-2-blood-group chains. The expression of Y haptens is frequently elevated in colo-rectal tumours in comparison to adjacent, apparently normal tissue.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; RIA

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

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

**Storage conditions:** -80° C

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

## Related tools

**Related tools:**

## References

**References:** Price et al. 1986. Cancer Lett. 33(1):83-9. PMID: 3768863. ; Association of the Y hapten

with glycoproteins, glycolipids and carcinoembryonic antigen in colorectal carcinoma. ; Brown et al. 1983. Biosci Rep. 3(2):163-70. PMID: 6189529. ; A monoclonal antibody against human colonic adenoma recognizes difucosylated Type-2-blood-group chains.

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