

# Anti-Lewis Y [69/229]

**Catalogue number:** 153393

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Lindy Durrant

**Institute:** University of Nottingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Lewis Y [69/229]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** MAbs targeting both Lewis(y) and Lewis(b) may have a therapeutic advantage over mAbs targeting just one hapten. 692/29 has a more restricted normal tissue distribution and a higher antigen threshold for killing which should reduce its toxicity compared to a Lewis(y) specific mAb. 692/29 has an ability to directly kill tumours whereas the anti-Lewis(b) mAb does not. This suggests that Lewis(y) but not Lewis(b) are functional glycans. 692/29 showed good anti-tumour responses in vivo and is a strong therapeutic candidate.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG3 kappa

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Colonic Adenoma membranes

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Lewis Y

**Target alternate names:**

**Target background:** MAbs targeting both Lewis(y) and Lewis(b) may have a therapeutic advantage over mAbs targeting just one hapten. 692/29 has a more restricted normal tissue distribution and a higher antigen threshold for killing which should reduce its toxicity compared to a Lewis(y) specific mAb. 692/29 has an ability to directly kill tumours whereas the anti-Lewis(b) mAb does not. This suggests that Lewis(y) but not Lewis(b) are Fn glycans. 692/29 showed good anti-tumour responses in vivo and is a strong therapeutic candidate.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** FACS ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 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:**

CancerTools.org