

## Anti-Lewis A [PR 5C5] Standard Size Ab00860-10.0

Developed in partnership with Ximbio ([www.ximbio.com](http://www.ximbio.com)).

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** PR 5C5

**Alternative Name(s) of Target:** LE; FUT3; FUT2; ABO; PR.5C5; pr.5c5

**UniProt Accession Number of Target Protein:**

**Published Application(s):** ELISA, IF, IHC

**Published Species Reactivity:** Human

**Immunogen:** This antibody was raised by immunising BALB/c mice with mucosal scrapings and cell membrane preparations from normal human large intestine.

**Specificity:** This antibody recognises human Lewis A antigen, and cross-reacts weakly with Gal $\alpha$ 1-4Gal and rhamnose.

**Application Notes:** This antibody recognises human Lewis A antigen, and has been employed in the immunohistochemical diagnosis of colon disorders, including bowel, small intestine, stomach and colorectal cancers. It has been used in indirect immunoperoxidase staining of formalin-fixed, paraffin-embedded samples of normal colorectal epithelial cells and colon carcinomas (Richman & Bodmer, 1987). It has also been used in indirect immunofluorescence examination of frozen sections of colorectal tissue (Richman & Bodmer, 1987). Its specificity has been confirmed in ELISA analysis (Manimala et al, 2007).

**Antibody First Published in:** Richman & Bodmer Monoclonal antibodies to human colorectal epithelium: markers for differentiation and tumour characterization. *Int J Cancer*. 1987 Mar 15;39(3):317-28.

[PMID:2434440](https://pubmed.ncbi.nlm.nih.gov/2434440/)

**Note on publication:** Describes the original generation of this antibody, and its use in immunohistochemistry experiments

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:**

PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.