

## Anti-Lewis a,b [HEA164] Standard Size Ab01422-23.0

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

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** HEA164

**Alternative Name(s) of Target:** Blood Group Lewis a/b; lewis a; lewis b

**UniProt Accession Number of Target Protein:**

**Published Application(s):** IP, WB, FC, IF, IHC

**Published Species Reactivity:** Human

**Immunogen:** This antibody was raised by immunising mice with human carcinoma cells.

**Specificity:** This antibody is specific for Lewis a,b carbohydrate antigens.

**Application Notes:** This antibody has applications in the detection of normal and neoplastic epithelial cells. This antibody has been shown to react with a glycolipid fraction isolated from colon carcinoma tissue, with no effect of pronase E addition on its reactivity (Moldenhauer et al, 1987). This antibody, when immobilised on the wall of a shear chamber, has been shown to support slow leukocyte rolling (Chen et al, 1997).

**Antibody First Published in:** Moldenhauer et al. Epithelium-specific surface glycoprotein of Mr 34,000 is a widely distributed human carcinoma marker. Br J Cancer. 1987 Dec; 56(6): 714-721. [PMID:2449234](#)

**Note on publication:** Describes the original use of this antibody.

## 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.