

36-1472: Monoclonal Antibody to MUC6 (Mucin 6 / Gastric Mucin)(Clone : CLH5)

| | |
|--------------------------------|---|
| Clonality : | Monoclonal |
| Clone Name : | CLH5 |
| Application : | FACS,IF,IHC |
| Reactivity : | Human |
| Gene : | MUC6 |
| Gene ID : | 4588 |
| Uniprot ID : | Q6W4X9 |
| Format : | Purified |
| Alternative Name : | MUC6 |
| Isotype : | Mouse IgG1, kappa |
| Immunogen Information : | A synthetic peptide of the Gastric Mucin 6 tandem repeat sequence |

Description

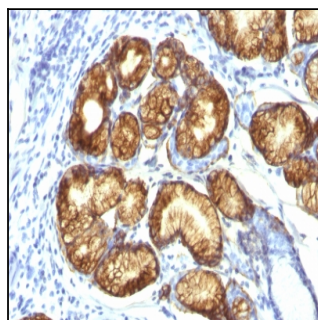
The MUC6 gastric mucin is a secreted glycoprotein that plays an essential role in epithelial cyto-protection from acid, proteases, pathogenic microorganisms, and mechanical trauma in the gastrointestinal tract. Mucin 6 expression is highest in the stomach and gall bladder, with lower expression in the terminal ileum and right colon. In gastric cancer, Mucin 6 has an altered expression. In normal stomach, Mucin 6 is associated with Lewis type 2; Mucin 6 is also expressed in gastric metaplasia, duodenum and pancreas. Mucin 6 is a secretory mucin, located in the deeper mucosal folds of human gall bladder, and its expression is altered with increasing degrees of inflammation.

Product Info

| | |
|----------------------------|---|
| Amount : | 100 µg |
| Purification : | Affinity Chromatography |
| Content : | 100 µg in 500 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (1-2ug/ml); ,Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),



Formalin-fixed, paraffin-embedded human Gastric Carcinoma stained with MUC6 Monoclonal Antibody (CLH5).