

CK20 (Ks20.8)

| Format | Catalog No. | Pack size | Dilution |
|--------------|---------------|------------------|--------------|
| Concentrated | G2065 A, B, C | 0.1, 0.5, 1.0 mL | 1:100 |
| Prediluted | G2065 AA, BB | 6.0, 3.0 mL | Ready to use |

SPECIES: Mouse

IMMUNOGEN: Recombinant fragment of human KRT20 protein (around aa 196-323) (exact sequence is

proprietary) CLONE: Ks20.8

ISOTYPE: IgG1 / Kappa

FORMAT: 30 min 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

SPECIFICITY - IHC analysis of formalin-fixed, paraffin-embedded human colon. CK20 Mouse Monoclonal

Antibody (Ks20.8). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

BACKGROUND -

This MAb recognizes an intermediate filament protein of 46kDa, identified as cytokeratin 20 (KRT20). In the gastrointestinal tract, KRT20 is highly expressed in enterocytes and goblet cells. It is a helpful indicator of colorectal and pancreatic cancer. KRT20 is expressed in normal, hyperplastic and neoplastic circumstances. It has been identified in adenocarcinomas of the colon, stomach and biliary tract. In general, breast cancers don't react.

SPECIES REACTIVITY: Human

POSITIVE CONTROL: HT29 cells. Human colon or prostate carcinoma.

CELLULAR LOCALIZATION: Cytoplasm

TITER/WORKING DILUTION: Immunohistochemistry (Frozen and Formalin-fixed): 1-2ug/ml

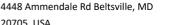
Flow Cytometry: 1-2ug/million cells Immunofluorescence: 1-3ug/ml Western Blotting: 2-4ug/ml

MICROBIOLOGICAL STATE: This product is not sterile.

LIMITATIONS AND USES:

- 1. For research use only (RUO).
- 2. Not to be consumed internally.
- 3. This product is designed for qualitative immunohistochemistry using formalin-fixed, paraffinembedded
- 4. tissue sections from both normal and malignant tissues, which will be examined under a light microscope.
- 5. If the reagent gets hazy, don't use it.
- 6. Never use after the expiration date.
- 7. When working with reagents, exercise caution. Not sterile.











20705, USA



PROCEDURE -

- 1. Tissue Section Pretreatment (Necessary): Citrate Plus pretreatment greatly improves the staining of tissue slices that have been paraffin embedded and fixed with formalin.
- 2. Incubation Time for Primary Antibody: We recommend 30 minutes at room temperature for incubation.
 - However, the user should choose the best incubation time based on the staining system used and the fixing circumstances.
- 3. Visualisation: To get the highest staining intensity, we advise combining the "DAB Chromogen/Substrate Bulk Pack (High Contrast)" with the "UltraTek HRP Anti-Polyvalent Lab Pack" |.

PRECAUTIONS -

- 1. Contains 0.09% w/v sodium azide as a preservative.
- 2. Avoid pipetting by mouth.
- 3. Reagents and specimens should not come into touch with skin or mucous membranes.
- 4. Prevent reagent contamination by microorganisms, as this could lead to an increase in nonspecific staining.
- 5. There are no dangerous materials in this product.

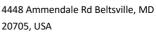
TECHNICAL SUPPORT

For technical assistance, please contact Genebio Solution's Technical Support at www.genebiosolution.com









info@genebiosolution.com