

## CK8 Monoclonal Antibody(8G8)

### Description

|                         |  |
|-------------------------|--|
| Product type            | Primary Antibody   |
| Code                    | BT-MCA0023   |
| Host                    | Mouse  |
| Isotype                 | IgG  |
| Size                    | 20ul, 50ul, 100ul  |
| Immunogen               | Synthetic Peptide of CK8   |
| Mol wt                  | 53573  |
| Species reactivity      | Human,Mouse,Rat  |
| Clonality               | Monoclonal   |
| Recommended application | IF, ICC, WB, IHC-p   |
| Concentration           | 1 mg/ml  |
| Full name               | Keratin type II cytoskeletal 8   |
| Synonyms                | KRT8; CYK8; Keratin; type II cytoskeletal 8; Cytokeratin-8; CK-8; Keratin-8; K8; Type-II keratin Kb8 |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene.

### Recommended Dilution

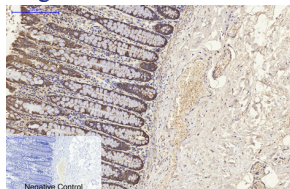
IF: 1:50-200

IHC: 1:200

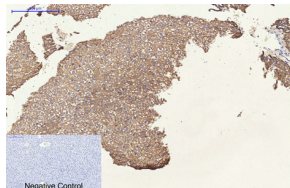
WB: 1:2000-5000

Not yet tested in other applications.

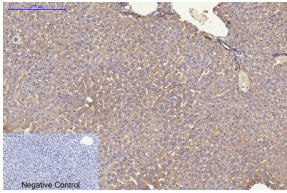
### Images



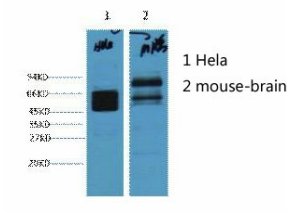
Immunohistochemical analysis of paraffin-embedded Human-colon tissue. 1.CK8 Monoclonal antibody(8G8) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-liver tissue. 1.CK8 Monoclonal antibody(8G8) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. 1.CK8 Monoclonal antibody(8G8) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Western blot analysis of 1) HeLa, 2) Mouse Brain diluted at 1:4000.

### Storage

-20°C for one year

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