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# Anti-Cytokeratin 7 Rabbit mAb [38F84]

**Catalog No.: A52100**

## Basic Information

| | |
|---|---|
| Catalog No. (Cat.No.) | A52100 |
| Host species | Rabbit |
| Reactivity | Human,Mouse,Rat |
| Applications | WB,IHC,IF,ELISA |
| Synonyms | Cytokeratin 7,CK-7,K7,CK7,type II cytokeratin 7 |

## Product Information

| | |
|---|---|
| Target | Cytokeratin 7 |
| Molecular Weight(Calculated) | 51 kDa |
| Molecular Weight(Observed) | 55 kDa |
| Isotype | IgG,Kappa |
| Conjugation | NA |
| Concentration | 0.2 mg/ml |
| Clonality | Monoclonal |
| Clone No. | 38F84 |
| RRID | NA |
| Storage buffer | 50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4) |
| Storage | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. |
| Shipped at conditions | Frozen |
| Form | Liquid |

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## Product Usage Information

| Application | Dilution |
|---|---|
| WB | 1:1000-1:5000 |
| IHC | 1:1000-1:2000 |
| IF | 1:200-1:1000 |
| ELISA | 1:5000-1:20000 |

## Target Information

| | |
|---|---|
| Protein Name | Keratin-7 |
| Gene Name | *KRT7* |
| Domain | NA |
| Background | Cytokeratin 7 (CK7) belongs to type-II intermediate-filament family and sustains glandular-epithelial cytoskeleton. CK7 is mainly detected in glandular and transitional epithelia of lung, breast, biliary tract and ovary, frequently applied together with CK19. It is commonly positive in lung adenocarcinoma, ovarian carcinoma and cholangiocarcinoma, while colorectal carcinoma is usually CK7-negative, making CK7 an important marker for primary-tumour-origin discrimination. Clinical IHC combines CK7 and CK20 profiles to distinguish adenocarcinomas derived from gastrointestinal tract, lung, breast and ovary. |