

Catalog Number: IR222-861

## Anti-Pan Cytokeratin antibody (Pan-CK)

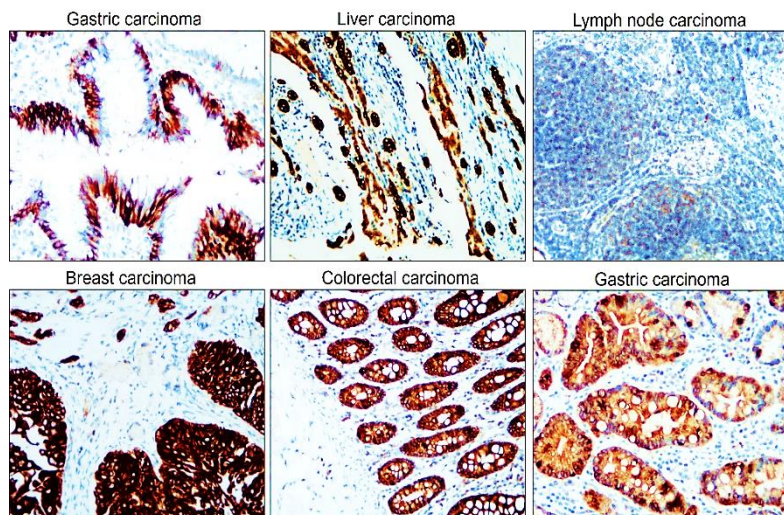
Package size: 25, 100 µl  
Store at: -20°C  
MW (kDa): 43-55

### Overview

|                                    |                                                                                                                                                   |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                       | Pan-Cytokeratin antibody (Pan-CK)                                                                                                                 |
| Product Number                     | IR222-861                                                                                                                                         |
| Gene Description                   | keratin 77, type II                                                                                                                               |
| Clonality                          | Polyclonal                                                                                                                                        |
| Host                               | Rabbit                                                                                                                                            |
| Species Reactivity                 | Human                                                                                                                                             |
| Specificity                        | Detects endogenous levels of <b>total keratin 5, 6, 7, 8, 14, 17, 18, 19 and 20</b> . The antibody does not cross-react with other keratins.      |
| Recommended Applications Dilutions | Western Blot 1:2000 – 1:5000<br>Immunofluorescence 1:400 – 1:800<br>Immunohistochemistry (Paraffin) 1:400 – 1:800<br>Flow Cytometry 1:300 – 1:500 |
| Storage Buffer                     | PBS (pH 7.4), 40% Glycerol. 0.025% ProClin 300 was added as a preservative                                                                        |
| Concentration                      | 1.51 mg/ml                                                                                                                                        |
| Purity                             | Affinity column purified                                                                                                                          |
| Storage                            | Store at +4°C for short term storage. Long time storage is recommended at -20°C                                                                   |
| Notes                              | Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.                               |

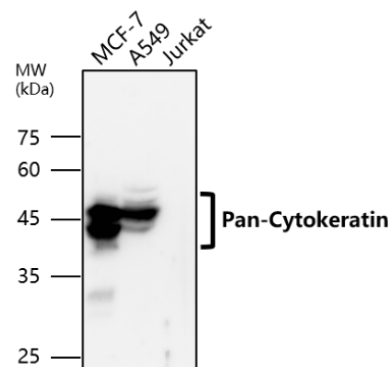
### IR222-861 anti-pan Cytokeratin antibody IHC image

Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling pan Cytokeratin with IR222-861 at 1/400.



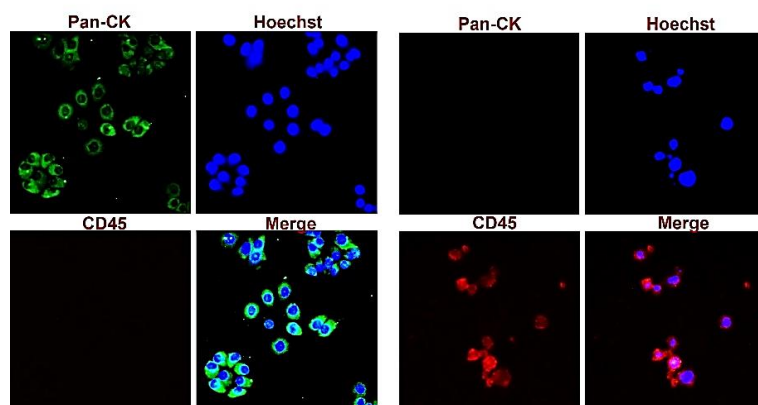
### IR222-861 anti-pan Cytokeratin antibody WB image

Anti-pan Cytokeratin antibody - at 1/3000 dilution

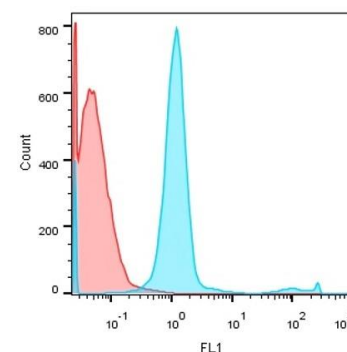


## IR222-861 anti-pan Cytokeratin antibody ICC/IF image

### MCF-7



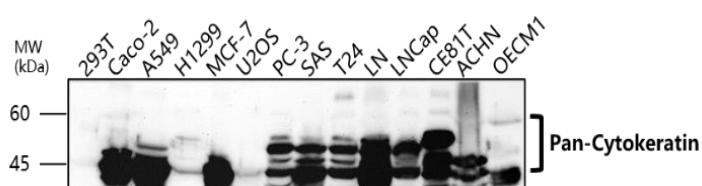
## IR222-861 anti-pan Cytokeratin antibody FACS image



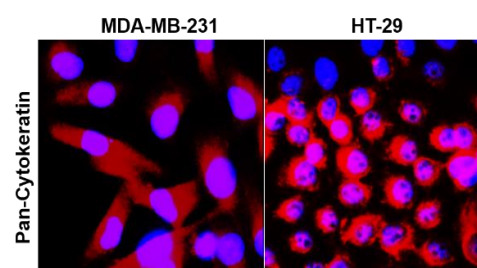
Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with IR222-861 anti-pan Cytokeratin antibody (green) at 1:400 and 4°C. DAPI (blue) was used as the nuclear counter stain.

Product: pan Cytokeratin antibody  
Catalog: IR222-861  
Cell : MCF-7  
pan Cytokeratin (IR222-861) : 1-350

## IR222-861 anti-pan Cytokeratin antibody WB image



## IR222-861 anti-pan Cytokeratin antibody ICC/IF image



### Anti-pan Cytokeratin antibody - at 1/3000 dilution

Lysates at 45 µg per lane, This blot was produced using a 10% SDS-PAGE. Nitrocellulose membrane was then blocked an hour before being incubated with IR222-861 overnight at 4°C.

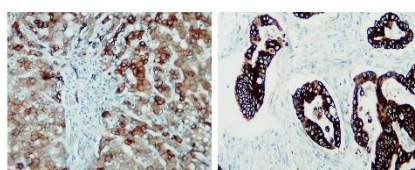
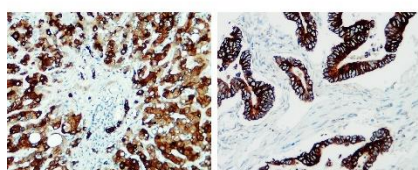
Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with IR222-861 anti-pan Cytokeratin0 antibody (red) at 1:300 and 4°C.



|                   |                                                 |
|-------------------|-------------------------------------------------|
| Brand             | iReal Biotechnology                             |
| Product           | anti-Pan Cytokeratin Rabbit Polyclonal Antibody |
| Catalog Number    | IR222-861                                       |
| Controls          | Human hepatocellular, colorectal carcinoma      |
| Regulatory Status | Research Use Only (RUO)                         |



|                   |                                                   |
|-------------------|---------------------------------------------------|
| Brand             | Roche_VENTANA                                     |
| Product           | anti-Pan Keratin (AE1/AE3/PCK26) Primary Antibody |
| Catalog Number    | 790-4431                                          |
| Controls          | Human hepatocellular, colorectal carcinoma        |
| Regulatory Status | In vitro diagnostic (IVD)                         |



## IR222-861 anti-pan Cytokeratin antibody IHC image (Side by side with VANTANA IVD grade antibody)

iReal Biotechnology Co., Ltd.



ISO 13485:2016 Quality Management System Certified

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