# Product Datasheet

## Cytokeratin 7 Antibody (KRT7/760) [mFluor Violet 610 SE] NBP2-47939MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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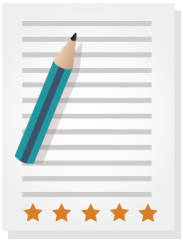

# NBP2-47939MFV610

Cytokeratin 7 Antibody (KRT7/760) [mFluor Violet 610 SE]

| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. |
| **Clonality** | Monoclonal |
| **Clone** | KRT7/760 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG1 Kappa |
| **Conjugate** | mFluor Violet 610 SE |
| **Purity** | Protein A or G purified |
| **Buffer** | 50mM Sodium Borate |

| Product Description | |
|---|---|
| **Host** | Mouse |
| **Gene ID** | 3855 |
| **Gene Symbol** | KRT7 |
| **Species** | Human |
| **Marker** | Glandular and Transitional Epithelial Marker |
| **Specificity/Sensitivity** | It recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This monoclonal antibody is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This monoclonal antibody is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-). |
| **Immunogen** | Recombinant full-length human Cytokeratin 7 protein (Uniprot: P08729) |
| **Notes** | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| **Recommended Dilutions** | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready |
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. |

## Images

| | |
|---|---|
| Cytokeratin 7 Antibody (KRT7/760) [mFluor Violet 610 SE] [NBP2-47939MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm. |  |

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## Products Related to NBP2-47939MFV610

| | |
|---|---|
| H00003855-P01-10ug | Recombinant Human Cytokeratin 7 GST (N-Term) Protein |
| 8184-CK-050 | Choline Kinase beta [Unconjugated] |
| NBL1-12396 | Cytokeratin 7 Overexpression Lysate |
| NB300-223 | Vimentin Antibody |

### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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