

# Product Datasheet

## Cytokeratin 7 Antibody (KRT7/1198) [Alexa Fluor® 350] NBP2-47944AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47944AF350**

Cytokeratin 7 Antibody (KRT7/1198) [Alexa Fluor® 350]

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	KRT7/1198
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 350
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3855
Gene Symbol	KRT7
Species	Human, Rat
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	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. 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.</p>



**Product Application Details**

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

**Images**

Cytokeratin 7 Antibody (KRT7/1198) [Alexa Fluor® 350] [NBP2-47944AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.





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### **Products Related to NBP2-47944AF350**

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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

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### **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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