

# Product Datasheet

## Cytokeratin, pan Antibody (C-11) [Alexa Fluor® 647] NBP1-48348AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-48348AF647**

Cytokeratin, pan Antibody (C-11) [Alexa Fluor® 647]

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	C-11
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 647
Purity	Protein A purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3848
Gene Symbol	KRT1
Species	Human, Mouse, Guinea Pig, Mammal
Reactivity Notes	Mouse reactivity reported in (PMID:26574781). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This Mouse monoclonal Cytokeratin (Pan-reactive) antibody reacts with Cytokeratin peptides 4, 5, 6, 8, 10, 13, 18. Cytokeratins are a member of intermediate filaments subfamily represented in epithelial tissues.
Immunogen	This Cytokeratin, pan Antibody (C-11) was developed against a keratin-enriched preparation from human epidermoid carcinoma cell line A431.

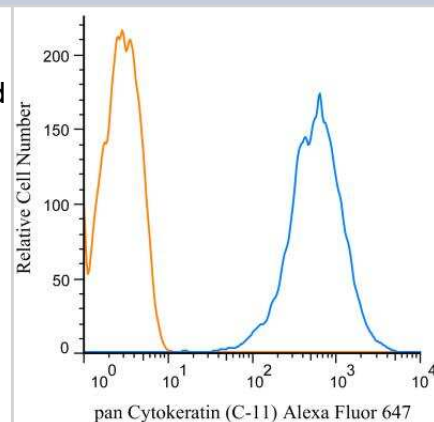


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Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready

## Images

Flow Cytometry: pan Cytokeratin Antibody (C-11) [Alexa Fluor 647] [NBP1-48348AF647] - An intracellular stain was performed on HeLa cells with pan Cytokeratin antibody (C-11) NBP1-48348AF647 (blue) and a matched isotype control NBP2-27287AF647 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



## Publications

Li, J;Moresco, P;Fearon, DT; Intratumoral NKT cell accumulation promotes antitumor immunity in pancreatic cancer Proceedings of the National Academy of Sciences of the United States of America 2024-07-16 [PMID: 38980903]

Ijsselsteijn ME, Brouwer TP, Abdulrahman Z et al. Cancer immunophenotyping by 7 colour multispectral imaging without tyramide signal amplification J Pathol Clin Res. 2018-01-01 [PMID: 30191683] (ICC/IF, Human)

Details:

Citation using the Alexa Fluor 647 form of this antibody.



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### **Products Related to NBP1-48348AF647**

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NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
NBP1-48348AF700	Cytokeratin, pan Antibody (C-11) [Alexa Fluor® 700]
DNST0	Endostatin [HRP]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum

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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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