



[Go to Product page](#)

Datasheet for ABIN6941336  
**anti-Keratin 5/8 antibody**

2 Images

Overview

Quantity:	100 µg
Target:	Keratin 5/8 (KRT5/8)
Reactivity:	Human, Mouse, Pig, Rat, Cow, Dog, Hamster, Sheep, Ferret
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 5/8 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF), Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Cytoskeletal preparation from HeLa cells
Clone:	C-50
Isotype:	IgG1 kappa
Specificity:	It reacts with keratin 5 (58 kDa) and keratin 8 (52.5 kDa). Simple epithelia express cytokeratin 8 in combination with 18. On the other hand, basal cells of stratified epithelia express cytokeratin 5 paired with 14. This antibody therefore, reacts with a wide range of epithelia and their carcinomas.
No Cross-Reactivity:	Chicken, Xenopus laevis
Purification:	Purified by Protein A/G

## Target Details

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Target:	Keratin 5/8 (KRT5/8)
Alternative Name:	KRT5 & KRT8 ( <a href="#">KRT5/8 Products</a> )
Molecular Weight:	58kDa (CK5), 52.5kDa (CK8)
Gene ID:	3852, 3856
UniProt:	<a href="#">P13647</a> , <a href="#">P05787</a>

## Application Details

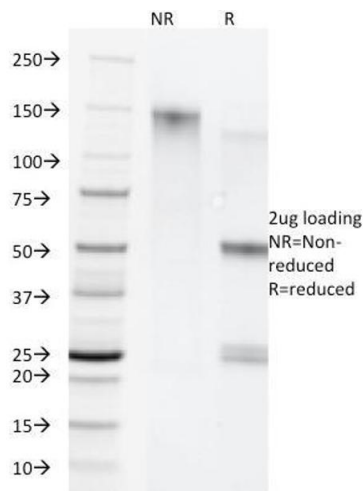
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Application Notes:	Positive Control: HepG2 or A431 cells. Skin or Squamous cell carcinoma. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1.0 µg/mL), Western Blot (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 min at RT)(For staining of formalin-fixed tissues, digest sections with trypsin at 1 mg/mL PBS, 15 min at RT)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

## Handling

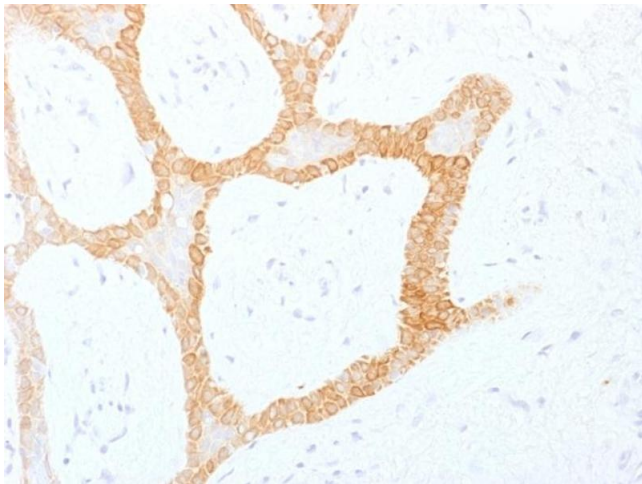
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Concentration:	200 µg/mL
Buffer:	0.5 mL at 200 µg/mL of antibody Purified from Bioreactor Concentrate by Protein A/G chromatography. Supplied in 10 mM PBS, pH 7.4 with 0.05 % BSA and 0.05 % sodium azide. Contact us if you require this antibody in a different format.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2 to 8°C. Antibody is stable for 24 months.
Expiry Date:	24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Cytokeratin 5/8 Monoclonal Antibody (C-50). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 5/8 Monoclonal Antibody (C-50).