



Datasheet for ABIN2664920 anti-Keratin 7/17 antibody



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Keratin 7/17 (KRT7/17)
Reactivity:	Human, Cow, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Keratin 7/17 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	C-46
Isotype:	IgG1 kappa
No Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Rabbit
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	Keratin 7/17 (KRT7/17)
Alternative Name:	Cytokeratin 7/17 (KRT7/17 Products)
Background:	Cytokeratins are proteins that are involved in the cytoskeleton. The cytokeratin proteins are heterotetramers composed of two type I and two type II subunits. Cytokeratin 17 is a type I protein and cytokeratin 7 is a type II intermediate filament protein, each protein contains three coiled-coil domains. Cytokeratin 7 has an approximate molecular weight of 54 kD, cytokeratin

Target Details

17 has an approximate molecular weight of 46 kD. Cytokeratin 17 is expressed in the basal cells of complex epithelia, but not in stratified or simple epithelia. Cytokeratin 7 is expressed in the epidermis, bronchus, and mesothelium but not in the colon, exocervix or liver. Mutations in cytokeratin 17 have been shown to result in pachyonychia congenita. Cytokeratin 17 has been shown to interact with the EGF receptor. Cytokeratin 7 has been shown to interact with the EGF receptor and heat shock protein 70 kD1A. The C-46 monoclonal antibody recognizes human, bovine and porcine (but not mouse, rat, or rabbit) cytokeratin 7 and cytokeratin 17 and is useful for Western blotting. This antibody has also been reported to be useful for immunoprecipitation, immunohistochemistry (paraffin sections), and immunocytochemistry.

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

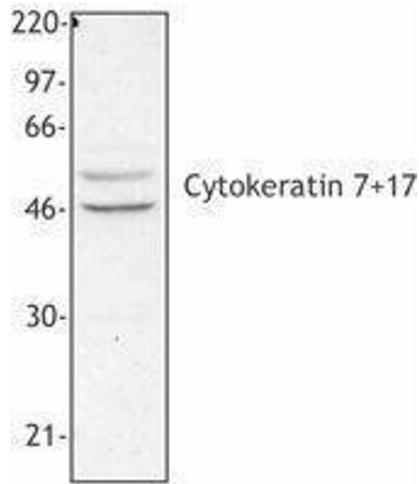
Buffer: phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide at 0.5 mg/mL.

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: The antibody solution should be stored undiluted between 2°C and 8°C.



Western Blotting

Image 1.