

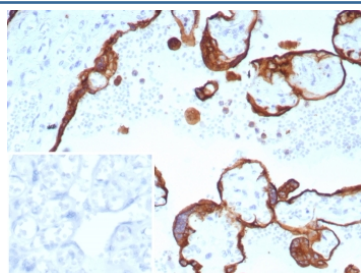
## Acidic Cytokeratin Antibody / LMW / Type I [clone rKRTL/8751] (V4484)

Catalog No.	Formulation	Size
V4484-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4484-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4484SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

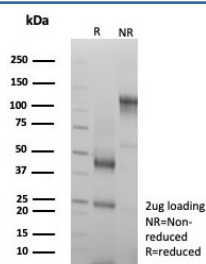
Recombinant **MOUSE MONOCLONAL**

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Recombinant Mouse Monoclonal
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	rKRTL/8751
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	Q7Z794
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
<b>Limitations</b>	This Acidic Cytokeratin antibody is available for research use only.



IHC staining of FFPE human placental tissue with Acidic Cytokeratin antibody (clone rKRTL/8751). Inset: PBS used in place of primary Ab (secondary Ab negative control).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free Acidic Cytokeratin antibody (clone rKRTL/8751) as confirmation of integrity and purity.

## Description

This mAb recognizes the 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19) keratins of the acidic (Type I or LMW) subfamily. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. The acidic keratins have molecular weights (MW) of 56.5, 55, 51, 50, 5048, 46, 45, and 40kDa.

## Application Notes

Optimal dilution of the Acidic Cytokeratin antibody should be determined by the researcher.

## Immunogen

Human epidermal keratin was used as the immunogen for the Acidic Cytokeratin antibody.

## Storage

Aliquot the Acidic Cytokeratin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.