

## Anti-Cytokeratin 5/8 KRT5 Monoclonal Antibody

Catalog Number: M00398

### About KRT5 & KRT8

This monoclonal [antibody reacts with keratin 5](#) (58kDa) and keratin 8 (52.5kDa). 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.

### Overview

Product Name	Anti-Cytokeratin 5/8 KRT5 Monoclonal Antibody
Reactive Species	Cow, Dog, Ferret, Hamster, Human, Mouse, Pig, Rat, Sheep
Description	Boster Bio Anti-Cytokeratin 5/8 KRT5 Monoclonal Antibody (Catalog # M00398). Tested in Flow Cytometry, IF, WB, IHC applications. This antibody reacts with Human, Pig, Mouse, Rat, Hamster, Cow, Dog, Sheep, Ferret.
Conjugate	Biotin
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal Clone: C-50
Formulation	Supplied in 10mM PBS, pH 7.4 with 0.05% BSA and 0.05% sodium azide. Contact us if you require this antibody in a different format.
Storage Instructions	Store at 2 to 8°C. Antibody is stable for 24 months.
Host	Mouse
Uniprot ID	P13647 ; P05787

### Technical Details

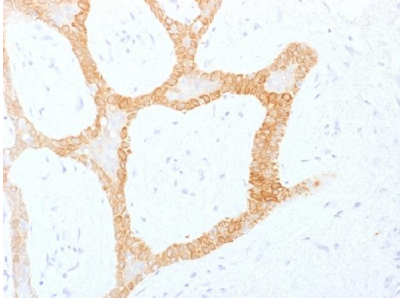
Immunogen	Cytoskeletal preparation from HeLa cells
Predicted Reactive Species	Bovine, Canine, Mouse, Orangutan, Pig, Rabbit, Rat, Deer
Isotype	IgG1, kappa
Form	Liquid
Concentration	Purified antibody with BSA and azide at 200ug/ml
Purification	Purified from Bioreactor Concentrate by Protein A/G chromatography.
Suggested Dilutions	Flow Cytometry (1-2ug/million cells) Immunofluorescence (1-2ug/ml)

Western Blot (1-2ug/ml)

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(For staining of formalin-fixed tissues, digest sections with trypsin at 1mg/ml PBS, 15 min at RT)Optimal dilution for a specific application should be determined.

## Anti-Cytokeratin 5/8 KRT5 Monoclonal Antibody (M00398) Images

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

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