

Cytokeratin 19 Monoclonal Antibody (BA17), eFluor 570, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Human
Host/Isotope	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), eFluor 570, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	BA17
Conjugate	eFluor® 570
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11218678

Applications	Tested	Dilution	Published
Immunocytochemistry (ICC)	✓	20 µg/mL	
Immunofluorescence (IF)	✓	20 µg/mL	
Immunohistochemistry (IHC)	✓	Assay-Dependent	

Product Specific Information

Description: This BA17 monoclonal antibody reacts with human cytokeratin 19 (CK19), a 44-kDa type I (acidic) intermediate filament protein that lacks the non-alpha-helical tail domain present in other keratins. Cytokeratins form the intracellular cytoskeletal network that maintains the integrity and stability of cells and tissues. Cytokeratin 19 is expressed in a wide variety of simple and stratified epithelial tissue. Moreover, cytokeratin 19 expression can be induced by vitamin A, SV40 transformation, and cancer. A soluble form of cytokeratin 19 generated by caspase 3 cleavage has also been found to be secreted by cancer cells, thus possibly indicating tumor metastasis. Cytokeratin 19 often exists as a heterodimer with cytokeratin 7, a type II keratin.

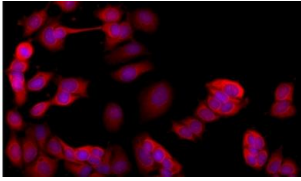
Applications Reported: This BA17 antibody has been reported for use in immunohistochemical staining and immunocytochemistry.

Applications Tested: This BA17 antibody has been tested by immunocytochemistry on fixed and permeabilized MCF7 cells and can be used at less than or equal to 20 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filter Recommendation: When using this eFluor® 570 antibody conjugate, we recommend a filter that will capture the 570 emission wavelength (for example, Excitation 545/25, 565LP, Emission 605/70). A standard Alexa Fluor® 555 or TRITC filter is acceptable.

Excitation: 555 nm; Emission: 570 nm

Product Images For Cytokeratin 19 Monoclonal Antibody (BA17), eFluor 570, eBioscience™



Cytokeratin 19 Antibody (41-9898-80) in ICC

Immunocytochemistry on fixed and permeabilized MCF7 cells using 20 µg/mL Anti-Human Cytokeratin 19 eFluor® 570. Nuclei are stained with DAPI.

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