

Cytokeratin 8/18 Antibody

Mouse Monoclonal Antibody [Clone 5D3]

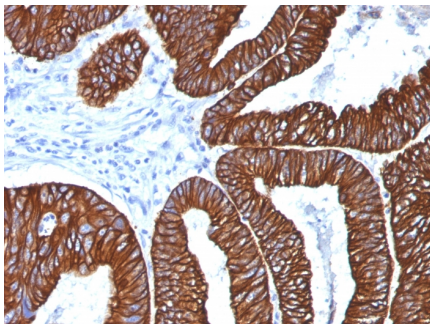
Catalog No	Format	Size
Applications	Tested Dilution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

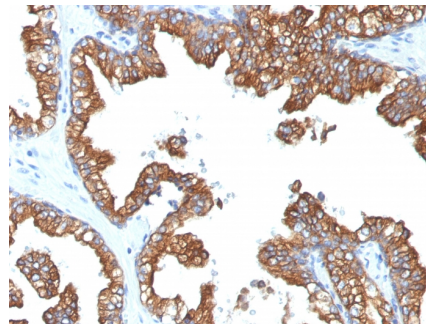
Clone	5D3
Gene Name	KRT8
Immunogen	Cytoskeleton preparation from human breast cancer MCF-7 cells
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	52.5kDa (CK8); 45kDa (CK18)
Cellular Localization	Cytoplasm, Nucleoplasm, Nucleus, Nucleus matrix
Species Reactivity	Human
Positive Control	Colon, lung or breast carcinoma., MCF-7 or A431 cells. Skin

*Optimal dilution for a specific application should be determined.

Product Images for Cytokeratin 8/18 Antibody



Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (5D3).



Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with Cytokeratin 8/18 Monoclonal Antibody (5D3).

Specificity & Comments

Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This MAb recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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Supplied As

Tissue culture supernatant with 0.05% Azide. Contact us if you require it in a different format.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.