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39-1024: Anti-Cytokeratin Peptide 18 Monoclonal Antibody (Clone: CY-90) (discontinued)

Clonality :	Monoclonal
Clone Name :	CY-90
Application :	WB
Reactivity :	Human
Gene :	KRT18
Gene ID :	3875
Uniprot ID :	P05783
Alternative Name :	CK 18, CK18, CYK18, Cytokeratin endo B, K18
Isotype :	Mouse IgG1
Immunogen Information :	The Human epidermal carcinoma A-431 and MCF-7 Human breast cancer cell lines.

Description

Intermediate filaments(IFs) are a structurally related family of cellular proteins that appear to be intimately involved with the cytoskeleton. Human keratin 18(KRT18) and the homologous mouse Endo B are type I IF protein subunits whose expression is restricted in adults to a variety of simple epithelial tissues. The KRT18 gene is 3,791 bp long and the keratin 18 protein is coded for by 7 exons. The K18 gene is 3791 bp in length and the K18 protein is coded for by seven exons. By Southern blotting using the genomic DNA PCR product, the gene for keratin 18 is assigned to chromosome 12. Mutation of human keratin 18 in association with cryptogenic cirrhosis.

Product Info

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Storage condition :	At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : 0.5-1Î¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 1-2Î¼g/ml; Immunohistochemistry(Frozen Section) : 0.5-2Î¼g/ml



Figure 1: Anti-Cytokeratin Peptide 18 monoclonal antibody(39-1024) . Western blotting: MCF-7 Cell Lysate.

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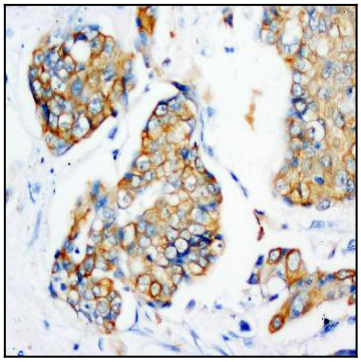


Figure 2: Anti-Cytokeratin Peptide 18 monoclonal antibody(39-1024). IHC(P): Human Mammary Cancer Tissue.

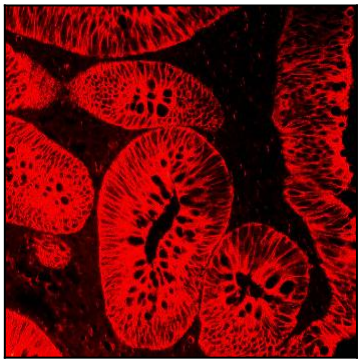


Figure 3: Anti-Cytokeratin Peptide 18 monoclonal antibody(39-1024). IHC(P): Human Rectal Cancer Tissue.



Figure 4: Anti-Cytokeratin Peptide 18 monoclonal antibody(39-1024) . IHC(P): Human Mammary Cancer Tissue.

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