

36-3733: Anti-Cytokeratin 5/8 Monoclonal Antibody(Clone: C-50)

Clonality :	Monoclonal
Clone Name :	C-50
Application :	FACS,IF,WB,IHC
Reactivity :	Human, Mouse, Rat
Gene :	KRT5 & KRT8
Gene ID :	3852; 3856
Uniprot ID :	P13647 ; P05787
Alternative Name :	CK5; DDD; EBS2; Epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne Types; K5; Keratin complex 2, basic, Gene 5; Keratin Type II Cytoskeletal 5; Keratin-5; KRT5; KRT5A; Type II Cytoskeletal 5; Type-II Keratin Kb5. CK8; CARD2; CYK8; CYKER; Cytokeratin Endo A; DreK8; EndoA; K2C8; K8; Keratin 8; Krt 2.8; KRT8; Type-II Keratin Kb8
Isotype :	Mouse IgG1, kappa
Immunogen Information :	Cytoskeletal preparation from HeLa cells

Description

It 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.

Product Info

Amount :	20 µg / 100 µg
Content :	0.5 ml at 200 µg/ml of antibody Purified from Bioreactor Concentrate by Protein A/G chromatography. 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 condition :	Store at 2 to 8°C. Antibody is stable for 24 months.

Application Note

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)

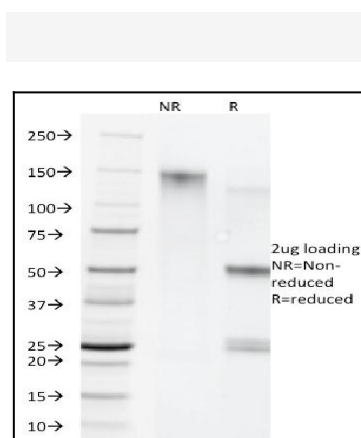


Fig. 1: SDS-PAGE Analysis Purified Cytokeratin 5/8 Monoclonal Antibody (C-50). Confirmation of Purity and Integrity of Antibody.

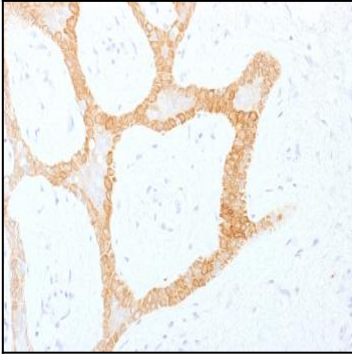


Fig. 2: Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with Cytokeratin 5/8 Monoclonal Antibody (C-50).