



Anti-KRT13 monoclonal antibody, clone 45cF23 (DCABH-9807)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to HMW Cytokeratin
Antigen Description	Cytokeratins are intermediate filament keratins found in the intracytoplasmic cytoskeleton of epithelial tissue. There are two types of Cytokeratins: the low weight, acidic type I cytokeratins and the high weight, basic or neutral type II. Cytokeratins are usually found in pairs comprising a type I Cytokeratin and a type II cytokeratin. The high molecular weight cytokeratins, which are the basic or neutral cytokeratins, comprise subtypes CK1 (67), CK2 (65.5), CK3 (64), CK4 (59), CK5 (58), CK6 (56), CK7 (54), CK8 (52.5) and CK9. The low molecular weight cytokeratins, which are the acidic cytokeratins, comprise subtypes CK10 (56.5), CK12 (56), CK13 (53), CK14 (50), CK16(48), CK17 (46), CK18 (45), CK19(48) and CK20(46).
Specificity	This antibody recognizes the HMW (High Molecular Weight) keratin polypeptides of 68, 58, 56.5 and 50 kDa in extract of stratum corneum. The antibody reacts with squamous, ductal and other complex epithelia. It stains adenocarcinomas, breast, pancreas, bil
Immunogen	Solubilized keratin extract from human stratum corneum.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	45cF23
Conjugate	Unconjugated
Applications	IHC-P, IHC-Fr
Format	Liquid

Size	500 µl
Buffer	Preservative: 0.05% Sodium Azide; Constituents: 1% BSA, Tissue culture supernatant
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Storage	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

GENE INFORMATION

Gene Name	KRT13 keratin 13 [Homo sapiens]
Official Symbol	KRT13
Synonyms	KRT13; keratin 13; keratin, type I cytoskeletal 13; CK13; cytokeratin 13; K13; keratin; type I cytoskeletal 13; MGC3781; MGC161462; CK-13; keratin-13; cytokeratin-13;
Entrez Gene ID	3860
Protein Refseq	NP_002265
UniProt ID	P13646
Chromosome Location	17q21-q23
Function	structural molecule activity;