

Product datasheet

anti-Keratin K13 mouse monoclonal, 2D7, supernatant

Short overview

Cat. No.	10524
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b
Clone	2D7
Immunogen	Keratin preparation from human esophagus
Formulation	Contains 0.09% sodium azide
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Hybridoma cell culture supernatant
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IHC, WB
Reactivity	Human, Mouse, Rabbit, Rat

Applications

Immunocytochemistry (ICC)	1:5-1:10
Immunohistochemistry (IHC) - frozen	1:5-1:10
Western Blot (WB)	Assay dependent

Background

Mab 2D7 specifically recognizes keratin K13 (54 kD polypeptide; formerly designated cytokeratin 13) present in non-cornifying squamous epithelia and in transitional epithelium of the bladder. Epidermal cell culture studies have shown that keratin K13 expression is involved in either the number or the strength of desmosomal contacts between suprabasal cells of stratified squamous epithelia.

Product images



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References

Publication	Species	Application
Moll, R. et al. Cytokeratins in normal and malignant transitional epithelium: maintenance of expression of urothelial differentiation features in transitional cell carcinomas and bladder carcinoma cell culture lines. Am. J. Pathol. 132, 123â€“144 (1988).	human	IHC (frozen)
Van Muijen, G. N., Warnaar, S. O. & Ponec, M. Differentiation-related changes of cytokeratin expression in cultured keratinocytes and in fetal, neonatal, and adult epidermis. Exp. Cell Res. 171, 331â€“45 (1987).	human	WB,IHC (frozen)
Van Muijen, G. N. P. et al. Cell type heterogeneity of cytokeratin expression in complex epithelia and carcinomas as demonstrated by monoclonal antibodies specific for cytokeratins nos. 4 and 13. Exp. Cell Res. 162, 97â€“113 (1986).	human	IHC (frozen)