

Product datasheet

anti-Keratin K2 mouse monoclonal, Ks2.398.3.1, supernatant

Short overview

Cat. No.	65177
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
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	IHC, WB
Reactivity	Human
No reactivity	Bovine, Mouse, Rat, Xenopus

Applications

Immunohistochemistry (IHC) - frozen	1:50-1:250
Immunohistochemistry (IHC) - paraffin	1:50-1:250 (microwave treatment recommended)
Western Blot (WB)	Assay dependent

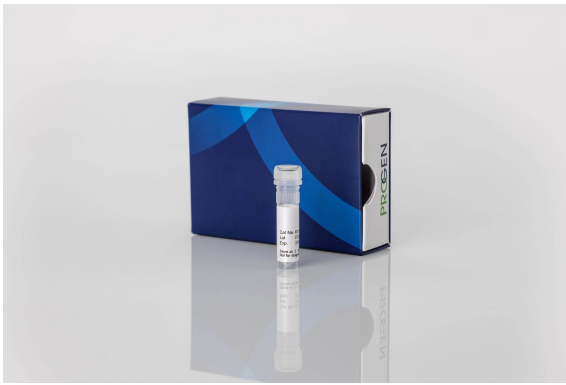
Background

Ks2.398.3.1 represents an excellent marker to study terminal epidermal differentiation. The mab is reactive with epidermal cells in uppermost suprabasal layers including scalp, foot and sole. It recognizes individual cells within epidermis of tongue and mamille (co-localization with keratin K10). It is also reactive on hyperkeratosis of diverse viral and genetic origin.

The mab does not react with palate keratin K76.

Reactive polypeptide: basic human keratin K2 (MW 65,852; formerly also designated cytokeratin 2e).

Product images



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	T24	T24T	WB ratio	SILAC ratio	Gene array ratio		T24	T24T	WB ratio	SILAC ratio	Gene array ratio
GSN			1.6	3.6	10.2	CDC2			1.1	0.9	0.9
CUL3			8.0	2.3	1.0	DNMT1			0.8	0.9	0.1
IPO9			1.8	1.8	1.1	MSH6			0.4	0.8	1.1
EGFR			7.3	1.8	10.0	RAB14			0.2	0.8	1.0
NUP133			7.9	1.8	1.1	VDAC			1.5	0.8	1.0
HSP70			1.0	1.4	1.1	CK18			0.5	0.7	0.9
MCM6			3.9	1.3	0.1	CALD			1.2	0.7	0.1
RCC1			1.0	1.3	9.5	CD44			0.2	0.7	0.8
BCAS2			3.2	1.2	1.1	EZR			0.1	0.6	0.7
DNM			1.0	1.2	1.0	MSN			0.8	0.5	0.9
NPM			0.7	1.1	1.0	ANXA2			0.5	0.4	1.0
DCTN			1.5	1.1	1.3	CPNE3			1.4	0.4	1.0
CALR			1.5	1.0	1.1	FLNA			0.2	0.4	0.9
MAPK			1.4	0.9	0.9	CAV1			0.0	0.2	1.0
DDX21			8.0	0.9	9.1	α-Tubulin					

[Grau, L., Luque-Garcia, J. L., et al. A quantitative proteomic analysis uncovers the relevance of CUL3 in bladder cancer aggressiveness. PLoS One. 2013-01-12.](https://doi.org/10.1371/journal.pone.0198112) Species/Reactant: Homo sapiens (Human) Applications: Western Blotting Image collected and cropped by CiteAb from the following publication, provided under a CC-BY licence.