

Mouse anti-Cytokeratin 20, Clone K2 20.8 (monoclonal)

Clone no. Ks20.8

MONXtra

Product name	Mouse anti-Cytokeratin 20, Clone K2 20.8 (monoclonal)
Host	Mouse
Applications	IHC-P (1:50)
Species reactivity	human
Conjugate	-
Immunogen	Cytoskeletal preparation isolated from microdissected villi of human duodenal mucosa.
Isotype	IgG2a, kappa
Clonality	Monoclonal
Clone number	Ks20.8
Size	1 ml
Concentration	Greater than or equal to 9,26 mg/L
Format	-
Storage buffer	PBS (pH 7.6) with 1% BSA and sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Cytokeratin 20 has been demonstrated to be almost entirely confined to the gastric and intestinal epithelium, urothelium and Merkel cells of the skin. Cytokeratin 20 is less acidic than other type I cytokeratins and is of interest due to its restricted tissue expression. In normal tissue, cytokeratin 20 is expressed in intestinal epithelium, gastric foveolar epithelium, a number of endocrine cells in the upper portions of the pyloric glands, urothelium and Merkel cells in epidermis. In tumors it is reported, there is a marked difference in the expression of cytokeratin 20 within different carcinomas. Neoplasms expressing cytokeratin 20 are derived from normal epithelia which themselves expressed cytokeratin 20. Colorectal carcinomas consistently express cytokeratin 20, while gastric adenocarcinomas express cytokeratin 20 to a lesser degree. Adenocarcinomas of the gall bladder and bile duct, ductal cell adenocarcinomas of the pancreas, mucinous ovarian tumors, Merkel cell tumors and transitional cell carcinomas have also been reported to express cytokeratin 20.

References

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3. Tan J et al. *Human Pathology*. 1998; 29(4):390-396
4. Longatto Filho A et al. *Acta Cytol*. 1997; 41(4):961-971
5. Moll R et al. *American Journal of Pathology*. 1992; 140(2):427-447

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