

Rabbit anti-Human Cytokeratin 5, clone EP1601Y (Monoclonal)

Clone no. EP1601Y

MONOSAN

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Product name	Rabbit anti-Human Cytokeratin 5, clone EP1601Y (Monoclonal)
Host	Rabbit
Applications	IHC-P (1:50-1:200)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	EP1601Y
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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 5 is an intermediate filament protein of 58 kD molecular weight within the cytokeratin family. It is a type II (basic) cytokeratin. Antibodies to this protein identify basal cells of squamous and glandular epithelia, myoepithelia, and mesothelium. Anti-cytokeratin 5 has been reported useful in the differential diagnosis of metastatic carcinoma in the pleura versus epithelioid mesothelioma. Epithelioid mesotheliomas are strongly positive in almost all cases, but a minority of pulmonary adenocarcinomas will show focal immunoreactivity. Almost all squamous cell carcinomas, half of transitional carcinomas, and many undifferentiated large cell carcinomas immunostain with anti-CK 5. Anti-CK 5, along with antip63, affords a high sensitivity and specificity for squamous differentiation. Myoepithelial cells of the breast, glandular epithelia, and basal cells of the prostate are labeled with anti-CK. This antibody, along with anti-CK 14, has found application in identifying basal-like breast carcinoma.

**References**

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3. Clarke CL, et al. J Pathol.; 204:147-52 (2004)
4. Dabbs DJ, et al. Mod Pathol.; 19:1506-11 (2006)
5. Livasy CA, et al. Hum Pathol.; 38:197-204 (2007)

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