

## Mouse anti-Cytokeratin 8, clone 35betaH11 (Monoclonal)

Clone no. 35betaH11

MONOSAN

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Product name	Mouse anti-Cytokeratin 8, clone 35betaH11 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgM
Clonality	Monoclonal
Clone number	35betaH11
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 8, a member of the Type II family of cytokeratins, is typically expressed in simple epithelium. The dimerization of cytokeratin 8 with cytokeratin 18 (labeled by 35betaH11) in the cytoplasm of simple epithelial cells allows for the formation of an intermediate filament cytoskeletal framework. This structure plays a role in the maintenance of cellular structural integrity and also functions in promoting signal transduction and cellular differentiation processes. Additionally, the presence of cytokeratin 8 has been detected in neoplastic epithelia, including glandular epithelium that can be found in prostate carcinoma. Positive immunoreactivity with anti-cytokeratin 8 is a useful indicator for the identification of normal and neoplastic epithelial tissues.

**References**

1. Battifora, H. Am J Surg Pathol 1988;12:24
2. Gown, AM, et al. Am J Clin Pathol 1985;84:413
3. Ljung G, et al. Prostate. 1997; 31:91-7
4. Murata T, et al. Pathol Res Pract. 1993; 189:888-93
5. Moll R, et al. Histochem Cell Biol. 2008; 129:705-33

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