

Rabbit anti-Human E-Cadherin, clone EP700Y (Monoclonal)

Clone no. EP700Y

MONOSAN

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Product name	Rabbit anti-Human E-Cadherin, clone EP700Y (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	EP700Y
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**

E-cadherin is an adhesion protein that is expressed in cells of epithelial lineage. Anti-E-cadherin stains positively in glandular epithelium as well as adenocarcinomas of the lung, gastrointestinal tract and ovary. Another application involves the differentiation of ductal (which is membrane staining) vs. lobular cancer of the breast (which is cytoplasmic staining). It has also been shown to be positive in some thyroid carcinomas. A combination of E-cadherin and p120 catenin helps distinguish ductal carcinoma of the breast from lobular carcinoma.

**References**

1. Han AC, et al. Hum Pathol. 1997; 28:641-5
2. Simsir A, et al. Diagn Cytopathol. 1999; 20:125-30
3. Abutaily AS, et al. J Clin Pathol. 2002; 55:662-8
4. Acs G, et al. Am J Clin Pathol. 2001; 115:85-98
5. Dabbs DJ, et al. Am J Surg Pathol. 2007; 31:427-37

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