

Mouse anti-E-CADHERIN, clone MX020 (Monoclonal)

Clone no. MX020

MONOSAN

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Product name	Mouse anti-E-CADHERIN, clone MX020 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:200)
Species reactivity	Human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG
Clonality	Monoclonal
Clone number	MX020
Size	1 ml
Concentration	n/a
Format	Concentrate
Storage buffer	Tissue culture supernatant containing 15mM 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**

ECAD (syn, CD325), 120 kDA, chromosome 16q22.1 (CDH1 gene), is a critical regulator of epithelial junction formation. It interacts with the cytoskeleton through several associated proteins. The ECAD internal domain binds with alpha, beta, gamma and p120 catenin's to anchor the ECAD complex to the actin cytoskeleton of the cell. ECAD is expressed in virtually all epithelial cells except for adrenocortical cells. The expression in liver cells is weaker than in most other epithelia. ECAD is also expressed in melanocytes (adhering to squamous epithelial cells).

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer , pH6.0 for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections. Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended. Control tissue Pancreas, lung adenocarcinoma, breast.

Staining Membranous

**References**

1. Ceyran A B, Şenol S, Şimşek B Ç, et al. Int journal of clinical and exp.pathol,201
2. Liu D, Huang C, Kameyama K, et al. The Annals of thoracic surgery, 2001, 71(3):
3. -
4. -
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