

Product: Anti-E-Cadherin
Catalog #: 03-10025
Amount: 200 µl

CATEGORY:	Mouse monoclonal
IMMUNOGLOBULIN CLASS:	IgG ₁
IMMUNOGEN:	Synthetic peptide of human origin
FORM:	Purified, in PBS, containing stabilizer, and 0.1% sodium azide
CLINICAL APPLICATION/ SPECIFICITY:	In epithelia, E-cadherin is involved in the development and maintenance of the cell layers during embryogenesis and in the adult tissue. Clustering of E-cadherin seems to occur via α , β and γ catenins, which link E-cadherin to cytoskeletal actin. Loss of E-cadherin expression seems to be correlated with the transformation state of carcinoma cells and with their metastatic potential.
ANTIGEN RECOGNIZED IN SPECIES (tested so far):	Human, Rat, Mouse
POSITIVE CONTROL:	Cell line MCF-7, human small intestine
APPLICATION:	Immunoblotting Immunohistochemistry, suitable for frozen sections, paraffin sections after microwave treatment, no proteolytic treatment Immunofluorescence microscopy
WORKING DILUTION:	Minimum: 1: 50
INCUBATION TIME:	1 hour at room temperature
STORAGE:	2-8°C for immediate use, or at -20°C (aliquot)

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