

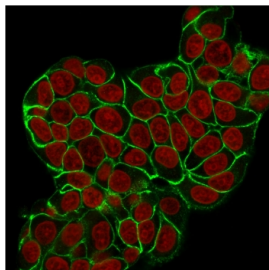
Recombinant E-Cadherin Antibody / Rabbit Monoclonal [clone CDH1/2208R] (V3565)

Catalog No.	Formulation	Size
V3565-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3565-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3565SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3565IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

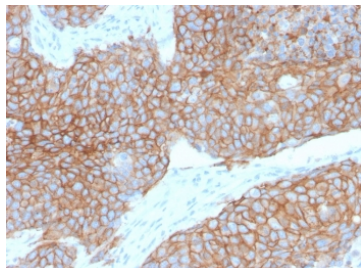
Recombinant RABBIT MONOCLONAL

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	CDH1/2208R
Purity	Protein A affinity chromatography
UniProt	P12830
Localization	Cytoplasmic, membranous
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This recombinant E-Cadherin antibody is available for research use only.



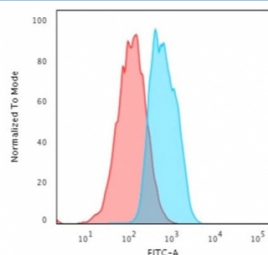
Immunofluorescent staining of human MCF7 cells with recombinant E-Cadherin antibody (clone CDH1/2208R, green) and Reddot nuclear stain (red).



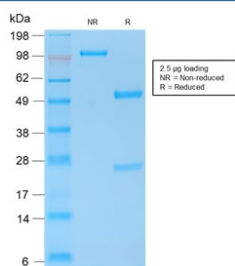
Formalin-fixed, paraffin-embedded human colon carcinoma stained with recombinant E-Cadherin antibody (clone CDH1/2208R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.



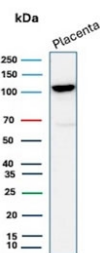
Western blot testing of human MCF-7 cell lysate with recombinant E-Cadherin antibody (clone CDH1/2208R). Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).



Flow cytometry testing of human MCF7 cells with recombinant E-Cadherin antibody (clone CDH1/2208R); Red=isotype control, Blue= recombinant E-Cadherin antibody.



SDS-PAGE analysis of purified, BSA-free recombinant E-Cadherin antibody (clone CDH1/2208R) as confirmation of integrity and purity.



Western blot testing of human placental tissue lysate with recombinant E-Cadherin antibody (clone CDH1/2208R). Expected molecular weight: 135 kDa (precursor), 80-120 kDa (mature, depending on glycosylation level).

Description

Cadherins behave as both receptors and ligands for other molecules. During development, their behavior assists in properly positioning cells: they are responsible for the separation of the different tissue layers, and for cellular migration. In the very early stages of development, E-cadherin (epithelial cadherin) is most greatly expressed. The E-cadherin-catenin complex plays a key role in cellular adhesion; loss of this function has been associated with greater tumour metastasis. [Wiki]

Application Notes

Optimal dilution of the recombinant E-Cadherin antibody should be determined by the researcher.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Recombinant human protein was used as the immunogen for the recombinant E-Cadherin antibody.

Storage

Store the recombinant E-Cadherin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).