

Mouse monoclonal anti human CD325 (N-Cadherin) **(Azide-free & Low endotoxin)**

ORDERING INFORMATION

Catalog Number:	gAP-0207
Size:	1.00 mg
Storage:	< -20° C
Immunogen:	Recombinant Human CD325 (Extracellular domain)
Ig Type:	Mouse IgG1
Clone	AP-MAB1607
Endotoxin Level	< 0.002EU/μg IgG*
Applications:	FC, IF and WB

Description: CD325 (N-cadherin) is a 130 kD, single pass transmembrane protein. Its extracellular region consists of five EC domains and has one cytoplasmic domain. N-cadherin is involved in organogenesis and maintenance of organ architecture by contributing to the sorting of heterogeneous cell types and in the cell adhesion needed to form tissues. N-cadherin is expressed by stem cells, myeloblasts, endothelial cells, and fibroblasts, and also is expressed in neural and muscle tissues and some types of carcinoma cells. CD325 associates with the cytoskeleton through catenin proteins.

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **Recombinant Human CD325 (EC domain)**).

Formulation: The IgG fraction of **culture supernatant** was purified by Protein A/G affinity chromatography and lyophilized from a 0.2 μm filtered solution in phosphate-buffered saline (PBS, **Azide Free**).

Reconstitution: Reconstitute the antibody with sterile PBS and the reconstituted antibody can be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

***Endotoxin Level:** **Extremely low level of LPS (< 0.002EU/μg IgG)**

Application(s):

1. **FC**
2. **IF**
3. **WB**

*** The antibody is produced by in vitro culture and for research use only**