10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

CD328 Polyclonal Antibody
Catalog # AP73464

Specification

CD328 Polyclonal Antibody - Product Information

Application	**WB, IHC-P**
Primary Accession	Q9Y286
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**

CD328 Polyclonal Antibody - Additional Information

Gene ID 27036

Other Names
SIGLEC7; AIRM1; Sialic acid-binding Ig-like lectin 7; Siglec-7; Adhesion inhibitory receptor molecule 1; AIRM-1; CDw328; D-siglec; QA79 membrane protein; p75; CD328

Dilution
WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
IHC-P~~N/A

Format
Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions
-20℃

CD328 Polyclonal Antibody - Protein Information

Name SIGLEC7

Synonyms AIRM1

Function
Putative adhesion molecule that mediates sialic-acid dependent binding to cells. Preferentially binds to alpha-2,3- and alpha-2,6-linked sialic acid. Also binds disialogangliosides (disialogalactosyl globoside, disialyl lactotetraosylceramide and disialyl GalNAc lactotetraoslylceramide). The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface. In the immune response, may act as an inhibitory receptor upon ligand induced tyrosine phosphorylation by recruiting cytoplasmic phosphatase(s) via their SH2 domain(s) that block signal transduction through dephosphorylation of signaling molecules. Mediates inhibition of natural killer cells cytotoxicity. May play a role in hemopoiesis. Inhibits differentiation of CD34+ cell precursors towards myelomonocytic cell lineage and proliferation of leukemic myeloid cells (in vitro).

Cellular Location
Membrane; Single-pass type I membrane protein.

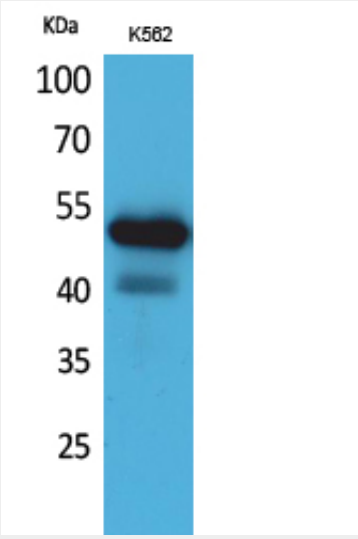
Tissue Location
Predominantly expressed by resting and activated natural killer cells and at lower levels by granulocytes and monocytes High expression found in placenta, liver, lung, spleen, and peripheral blood leukocytes

CD328 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD328 Polyclonal Antibody - Images



Western Blot analysis of K562 cells using CD328 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000

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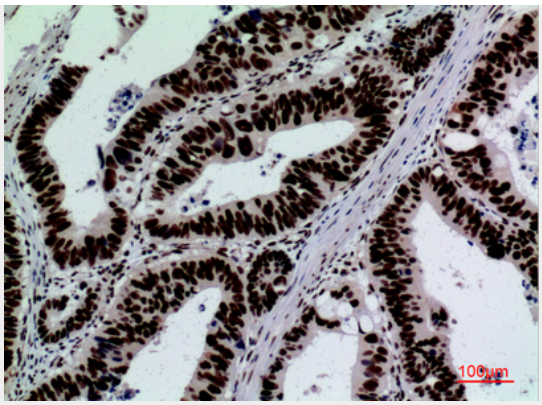
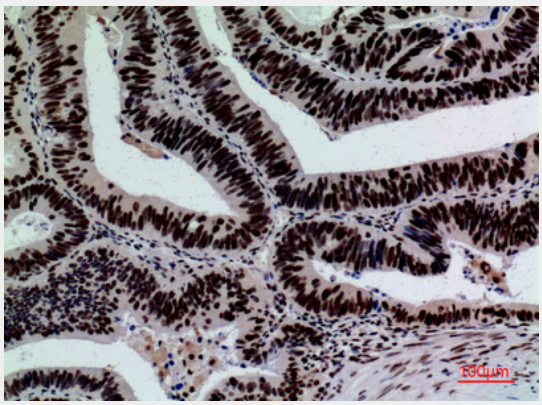
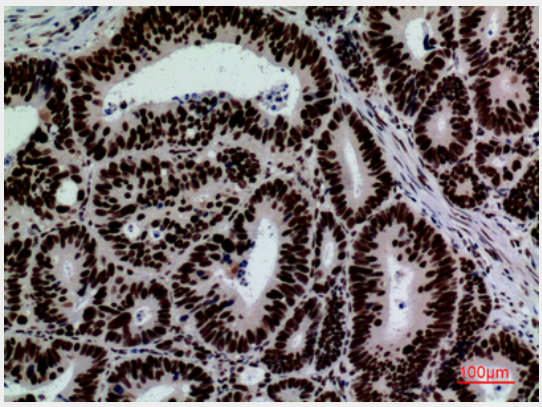


Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-colon-cancer, antibody was diluted at 1:100

CD328 Polyclonal Antibody - Background

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