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CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone HO18.3G-6.F5]
Catalog # AH12962

Specification

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - Product Information

Application	**,3,4,**
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse / IgM**
Calculated MW	**Not known KDa**

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - Additional Information

Storage
Store at 2 to 8°C.Antibody is stable for 24 months.

Precautions
CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - Protein Information

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - 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

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - Images

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - Background

CD17 is an intermediate glycosphingolipid from the metabolism of higher gangliosides that localizes to sphingolipid-sterol rafts. CD17 is detectable in monocytes, granulocytes, basophils, platelets, a subset of peripheral B cells (CD19+) and tonsil dendritic cells. It is rapidly down

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regulated on activated granulocytes and is upregulated on IL-2 activated T lymphocytes. CD17 binds to bacteria and may function in phagocytosis. VEGF-treated endothelial cells can produce CD17, which can then mediate signaling toward PECAM-1 expression and angiogenesis. Tumor necrosis factor Ī ⍰ (TNFĪ ⍰)-induced astrogliosis (astrocyte proliferation and glial fibrillary acidic protein (GFAP) upregulation) in response to neuro-inflammation (i.e. spinal cord injury) causes an increase in intracellular levels of CD17. Aberrant levels of glycosphingolipids are a feature of cancer cells and may influence integrin clustering and internalization.

CDw17 (Lactosylceramide or LacCer) Antibody - With BSA and Azide - References

Lovering, K.E. Characterisation of the Tcell surface by monoclonal antibodies. PhD thesis, University of Melbourne, 1985. | Knapp W. Leukocyte Typing IV, Oxford Univ. Press, pp. 810811, 1989. Also data on M119, pp 861, 874, 877 879, 897, 907, 923, 925