



Datasheet for ABIN969017

anti-CD1a antibody



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5 Images

2 Publications

Overview

Quantity:	100 µL
Target:	CD1a
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD1a antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human CD1A expressed in E. coli.
Clone:	7A7
Isotype:	IgG1
Purification:	purified

Target Details

Target:	CD1a
Alternative Name:	CD1A (CD1a Products)
Background:	Description: CD1a is a non polymorphic MHC Class 1 related cell surface glycoprotein, expressed in association with Beta 2 microglobulin. CD1a is expressed by cortical thymocytes, Langerhan's cells and by interdigitating cells. CD1a is also expressed by some malignancies of T cell lineage and in histiocytosis X. Tissue specificity: Expressed on cortical thymocytes,

Target Details

epidermal Langerhans cells, dendritic cells, on certain T-cell leukemias, and in various other tissues.

Aliases: R4, T6, CD1, FCB6, HTA1, CD1A

Molecular Weight: 37 kDa

Gene ID: 909

HGNC: 909

Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

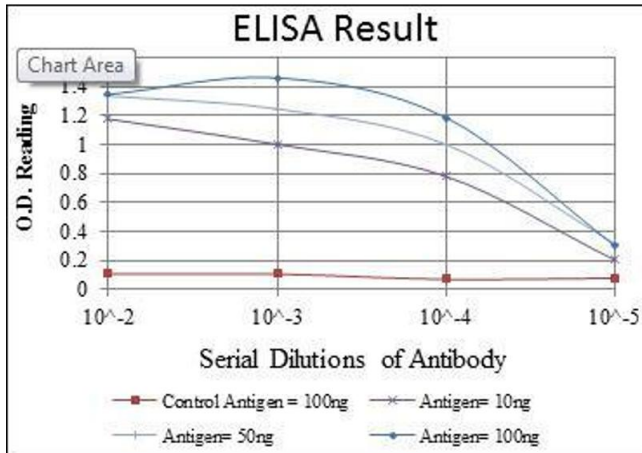
Publications

Product cited in: Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: **Theriogenology**, Vol. 86, Issue 7, pp. 1818-33, (2016) ([PubMed](#)).

Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and

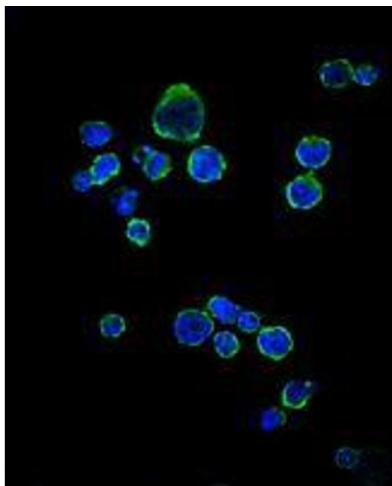
survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).

Images



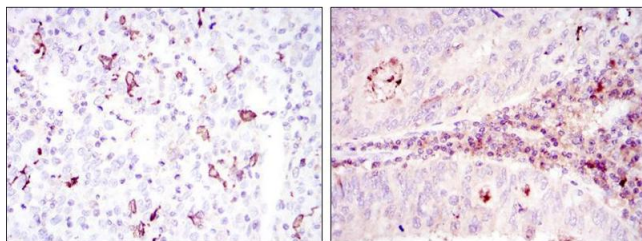
ELISA

Image 1. Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),



Immunofluorescence

Image 2. Immunofluorescence analysis of RAJI cells using CD1A mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues (left) and colon cancer tissues (right) using CD1A mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN969017.