

CD49f (Integrin alpha 6) Monoclonal Antibody (eBioGoH3 (GoH3)), Biotin, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse, Human
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	eBioGoH3 (GoH3)
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_1210590

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (IHC)	-	3 Publications
Immunohistochemistry (Frozen) (IHC (F))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	-	1 Publication
Flow Cytometry (Flow)	0.25 µg/test	42 Publications
Neutralization (Neu)	-	2 Publications

Product Specific Information

Description: The eBioGoH3 monoclonal antibody reacts with mouse and human CD49f, also known as integrin alpha 6, very late activation antigen 6 (VLA-6 alpha chain), and platelet gplc. CD49f is a 120 kD transmembrane protein. CD49f associates with CD29, the integrin beta 1 chain, to form the VLA-6 complex; CD49f also associates with CD104, the integrin beta 4 chain, to form the alpha 6 beta 4 complex. CD49f is expressed primarily on T cells, monocytes, platelets, epithelial and endothelial cells. CD49f expression has also been found on germinal center B cells. The eBioGoH3 antibody is cross-reactive to integrin alpha 6 on human, mouse and bovine cells. This antibody has also been reported to have functional activity in blocking the binding of integrin alpha 6 to laminin.

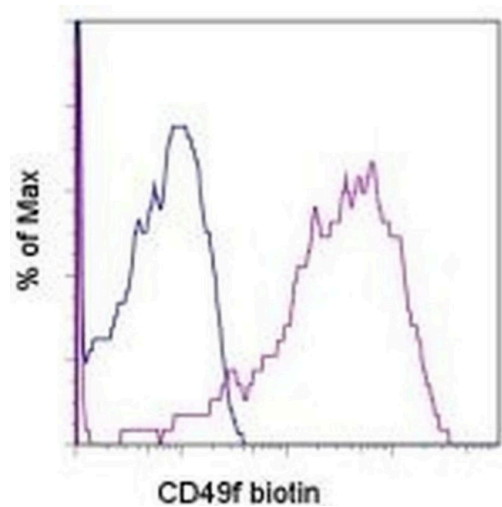
Applications Reported: This eBioGoH3 (GoH3) antibody has been reported for use in flow cytometric analysis, and immunohistology staining of frozen tissue sections.

Applications Tested: This eBioGoH3 (GoH3) antibody has been tested by flow cytometric analysis of human peripheral blood cells. This can be used at less than or equal to 0.25 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells

/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD49f (Integrin alpha 6) Monoclonal Antibody (eBioGoH3 (GoH3)), Biotin, eBioscience™



CD49f (Integrin alpha 6) Antibody (13-0495-82) in Flow
Staining of normal human peripheral blood cells with 0.25 µg of Rat IgG2a kappa Isotype Control Biotin (Product # 13-4321-82) (open histogram) or 0.125 µg of Anti-Human/Mouse CD49f (Integrin alpha 6) Biotin (filled histogram) followed by Streptavidin PE (Product # 12-4317-87). Cells in the lymphocyte gate were used for analysis.

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Western Blot (1)

<p>Nature cell biology</p> <p>GATA3 suppresses metastasis and modulates the tumour microenvironment by regulating microRNA-29b expression.</p> <p>"Published figure using CD49f (Integrin alpha 6) monoclonal antibody (Product # 13-0495-82) in Flow Cytometry"</p> <p>Authors: Chou J,Lin JH,Brenot A,Kim JW,Provot S,Werb Z</p>	<p>Year 2013</p> <p>Species Mouse</p>
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Immunohistochemistry (3)

<p>Developmental cell</p> <p>Embigin is a fibronectin receptor that affects sebaceous gland differentiation and metabolism.</p> <p>"Published figure using CD49f (Integrin alpha 6) monoclonal antibody (Product # 13-0495-82) in Immunohistochemistry"</p> <p>Authors: Sipilä K,Rognoni E,Jokinen J,Tewary M,Vietri Rudan M,Talvi S,Jokinen V,Dahlström KM,Liakath-Ali K,Mobasser A,Du-Harpur X,Käpylä J,Nutt SL,Salminen TA,Heino J,Watt FM</p>	<p>Year 2022</p>
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<p>Biomaterials</p> <p>Generation of human tonsil epithelial organoids as an ex vivo model for SARS-CoV-2 infection.</p> <p>"Published figure using CD49f (Integrin alpha 6) monoclonal antibody (Product # 13-0495-82) in Immunohistochemistry"</p> <p>Authors: Kim HK,Kim H,Lee MK,Choi WH,Jang Y,Shin JS,Park JY,Bae DH,Hyun SI,Kim KH,Han HW,Lim B,Choi G,Kim M,Chang Lim Y,Yoo J</p>	<p>Year 2022</p>
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Immunocytochemistry (1)

<p>STAR protocols</p> <p>Generation and functional characterization of murine mammary organoids.</p> <p>"Published figure using CD49f (Integrin alpha 6) monoclonal antibody (Product # 13-0495-82) in Immunocytochemistry"</p> <p>Authors: Yip HYK,Papa A</p>	<p>Year 2021</p>
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More applications with references on thermofisher.cn

- Flow (42)
- Neu (2)

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