Globo H (human) monoclonal antibody (VK9)

Globo H is a hexasaccharide formed from the pentasaccharide precursor, SSEA3 (stage-specific embryonic antigen 3). It is a member of a family of antigenic carbohydrates expressed on the surface of cancer cells as glycolipids and possibly glycoproteins. Globo H is overexpressed on many carcinomas, such as breast, colon, ovarian, gastric, pancreatic, lung, and prostate. Expression of Globo H in carcinomas include more than half of all ductal, lobular, and tubular breast carcinomas, but not in non-epithelial breast tumors. Cancer stem cells and human embryonic stem cells also express global H, although expression decreases when cells are differentiated toward both neural progenitor cells and to a lesser extent in endodermal lineage cells. Expression in normal tissues is limited to cells composing secretory borders. Globo H is considered a target for immunotherapy of many epithelial cancers.

This antibody is covered by our Worry-Free Guarantee.

Ordering Information

Order Online »

ENZ-ABS379-0050	50µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	Flow Cytometry, Fluorescence microscopy, IHC (PS), WB
Clone	VK9
Formulation	Liquid. 0.2 µM filtered solution in PBS, pH 7.2, containing 0.09% sodium azide.
Host	Mouse
Immunogen	Globo H-KLH (keyhole limpet hemocyanin) synthetic conjugate
Isotype	IgG3κ
Purity Detail	Affinity chromatography purified.
Recommendation Dilutions/Conditions	Western Blot (5 µg/mL)Immunohistochemistry (paraffin sections, 5 µg/mL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

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