Datasheet for ABIN2192062

anti-PLVAP antibody

2 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	PLVAP
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLVAP antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (IF)

Product Details

Clone:	174-2
Sterility:	0.2 µm filtered

Target Details

Target:	PLVAP
Alternative Name:	Plasmalemma Vesicle Associated Protein (PLVAP Products)
Background:	The monoclonal antibody 174/2 reacts with human plasmalemma vesicle associated protein (PLVAP), also known as PV1, PAL-E and FELS. PLVAP is a 60 kDa type II transmembrane glycoprotein which tends to form homodimers. PLVAP is widely expressed in the vasculature of normal tissues. The vascular staining pattern of PLVAP is quite unique among the endothelial cell antigens, since expression of other antigens (like ICAM-1, P-selectin, E-selectin or VCAM-1)

Target Details

	is not limited to vascular endothelial cells. PLVAP expression in the vascular endothelial cells of the CNS is lost in association with formation of an intact blood-brain barrier. However, in the endothelium of human brain tumors expression of PLVAP is specifically up-regulated, making it a suitable antiangiogenic target for brain tumor therapy and cerebral edema. Furthermore, PLVAP is expressed in the vasculature of most other human tumors and as such useful as marker for tumor angiogenesis.

Application Details

Application Notes:	For immunohistology, flow cytometry, immunofluorescence and Western blotting, dilutions to be used depend on detection system applied. It is recommended that users test the reagent and determine their own optimal dilutions. The typical starting working dilution is 1:50.
Restrictions:	For Research Use only

Handling

Buffer:	PBS, containing 0.1 % bovine serum albumin and 0.02 % 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
Storage Comment:	Product should be stored at 4 °C. Under recommended storage conditions, product is stable for one year.
Expiry Date:	12 months

Publications

Product cited in:	Müller, Peri, Doni, Perruchoud, Landmann, Pasqualini, Mantovani: "High circulating levels of the IL-1 type II decoy receptor in critically ill patients with sepsis: association of high decoy receptor levels with glucocorticoid administration." in: **Journal of leukocyte biology**, Vol. 72, Issue 4, pp. 643-9, (2002) (PubMed). Penton-Rol, Orlando, Polentarutti, Bernasconi, Muzio, Introna, Mantovani et al.: "Bacterial lipopolysaccharide causes rapid shedding, followed by inhibition of mRNA expression, of the IL-1 type II receptor, with concomitant up-regulation of the type I receptor and induction of ..." in:

Journal of immunology (Baltimore, Md. : 1950), Vol. 162, Issue 5, pp. 2931-8, (1999) (PubMed).