

Datasheet for ABIN7127157 **anti-BPIFB1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	BPIFB1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BPIFB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Coating (Coat), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant full-length human BPIFB1 protein
Isotype:	IgG
Specificity:	The upper respiratory tract is the main place of entry for pathogens to invade the body, and early recognition of bacterial products in this region is crucial for host defense. Palate lung nasal epithelial clone PLUNC (or LUNX) is an airway specific secretory protein that is expressed in epithelial tissues and submucosal glands of the oral cavity and upper respiratory tract of humans, mice, rats and cows. PLUNC binds to lipopolysaccharide (LPS) in nasal lavage fluid (NLF) which points to its role in the inflammatory response of the upper airways after exposure to irritants. Decreased levels of PLUNC occur in the NLF of smokers and people who have been exposed to reactive epoxy chemicals, indicating that long-term exposure to airway irritants impairs the production of PLUNC in the upper respiratory tract. Abnormal expression of PLUNC may influence susceptibility to nasopharyngeal carcinoma in the Chinese population.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	BPIFB1
Alternative Name:	BPIFB1 (BPIFB1 Products)
Background:	BPI fold containing family B, member 1, Long palate, lung and nasal epithelium carcinoma associated protein 1 (Lplunc1), lung and nasal epithelium carcinoma-associated protein 1, VEMSGP, Von Ebner minor salivary gland protein,L-PLUNC Cellular localisation: Secreted
Molecular Weight:	25kDa
Gene ID:	92747, 65551
UniProt:	Q8TDL5

Application Details

Application Notes:	Known_Application: ELISA (For coating, order antibody without BSA), Western Blot (1-2 μg/mL),Immunohistochemistry (Formalin-fixed) (1-2 μg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 $^{\circ}$C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined. Positive_Control: Human lung tissue. HeLa cells.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 $^{\circ}$ C,-80 $^{\circ}$ C
Storage Comment:	Antibody without azide - store at -20 to -80 $^{\circ}$ C. Antibody is stable for 24 months. Non-hazardous.

Handling

Expiry Date: 24 months