

Anti-HE4 WFDC2 Rabbit Monoclonal Antibody

Catalog # ABO13272

Product Information

Application	WB, IF, ICC, IP, FC
Primary Accession	Q14508
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-HE4 WFDC2 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.

Additional Information

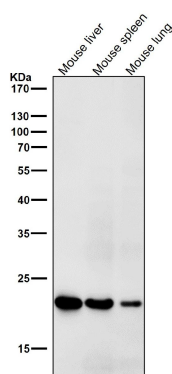
Gene ID	10406
Other Names	WAP four-disulfide core domain protein 2, Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2, HE4, WAP5
Calculated MW	12993
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
Subcellular Localization	Secreted.
Tissue Specificity	Expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. Highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. Initially described as being exclusively transcribed in the epididymis..
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AOAI-23
Immunogen	A synthesized peptide derived from human HE4
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at

4°C for up to one month. Avoid repeated freeze-thaw cycles.

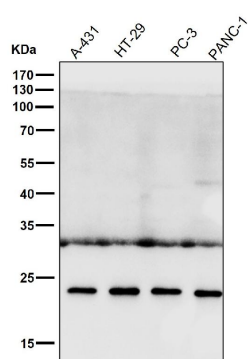
Protein Information

Name	WFDC2 (HGNC:15939)
Function	Plays a critical role in lung development (By similarity). Required for terminal differentiation of bronchiole club cells (By similarity). Required for development of airway barrier mechanisms, such as lamellar body formation in type II alveolar epithelial cells and cilia formation on ciliated epithelial cells following initiation of respiration at birth (By similarity). Required for type I alveolar epithelial cell and vascular endothelial development in the lungs, thereby mediating blood-air barrier exchange (By similarity).
Cellular Location	Secreted.
Tissue Location	Expressed in lung, trachea, kidney, breast, fallopian tubes, endometrium, cervix, epididymis and prostate

Images

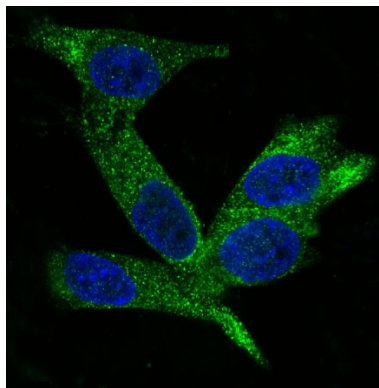
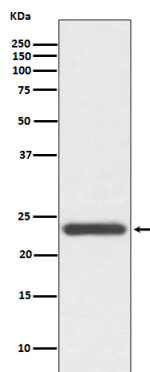


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



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Western blot analysis of HE4 expression in SW480 cell lysate.



Immunofluorescent analysis of SK-OV-3 cells, using HE4 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.