

Product Details

Summary

Product name	Anti HE4 mouse monoclonal antibody (9C3)
description	<p>WAP four-disulfide core domain protein 2, also known as Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5, WFDC2 and HE4, is a secreted protein which contains two WAP domains. WFDC2 / HE4 is a member of a family of stable 4-disulfide core proteins that are secreted at high levels. It is expressed in a number of normal tissues, including male reproductive system, regions of the respiratory tract and nasopharynx. It is 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. WFDC2 may be a component of the innate immune defences of the lung, nasal and oral cavities and suggest that WFDC2 functions in concert with related WAP domain containing proteins in epithelial host defence. WFDC2 re-expression in lung carcinomas may prove to be associated with tumour type and should be studied in further detail. Mammary gland expression of tammar WFDC2 during the course of lactation showed WFDC2 was elevated during pregnancy, reduced in early lactation and absent in mid-late lactation. WFDC2 / HE4 can undergo a complex series of alternative splicing events that can potentially yield five distinct WAP domain containing protein isoforms.</p>
Alternative names	HE4, WAP5, WFDC2, WAP four-disulfide core domain protein 2, Epididymal secretory protein E4, Major epididymis-specific protein E4, Putative protease inhibitor WAP5
Endotoxin level	Please contact with the lab for this information.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze thaw cycles.</p> <p>Store at 2 to 8 °C for one week .</p> <p>Store at -20 to -80 °C for twelve months from the date of receipt.</p>
Source	Ascites
Isotype	IgG1

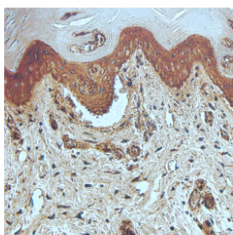


Host	Mouse
Clonality	Monoclonal
Clone No.	9C3
Conjugation	Unconjugated
Species reactivity	Homo sapiens (Human);Mouse
Tested applications	WB, IHC-P, IHC-F,ICC, ELISA
Immunogen	Recombinant protein of human HE4

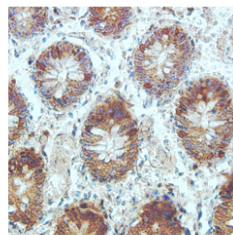
Product performance

Form	Liquid
Buffer	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	Please refer to the instruction in the hard copy of COA.

Tested Picture



Immunohistochemical analysis of human skin tissue using HE4 antibody at dilution of 1:100 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



Immunohistochemical analysis of human colon tissue using HE4 antibody at dilution of 1:100 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).

Note

For research use only.