

For Research Use Only

HE4 Monoclonal antibody, PBS Only (Capture)

Catalog Number: 66557-1-PBS



Basic Information

Catalog Number: 66557-1-PBS	GenBank Accession Number: BC046106	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10406	CloneNo.: 5B2D9
Source: Mouse	UNIPROT ID: Q14508	
Isotype: IgG1	Full Name: WAP four-disulfide core domain 2	
Immunogen Catalog Number: AG5936	Calculated MW: 13 kDa	

Applications

Tested Applications:
IHC, IF/ICC, Indirect ELISA

Species Specificity:
Human

Background Information

WFDC2, also named as HE4, is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. HE4 is expressed in a number of normal tissues, and it is also highly expressed in a number of tumors cells lines, such ovarian, colon, breast, lung and renal cells lines. In some study, HE4 was referred to as a biomarker for ovarian carcinoma.

Storage

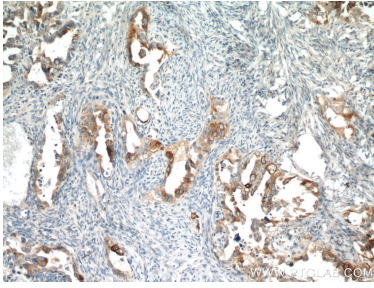
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

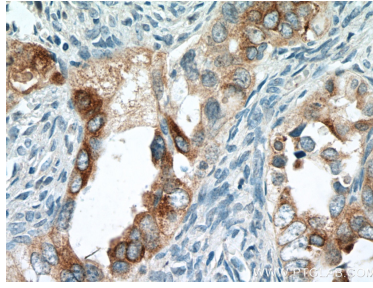
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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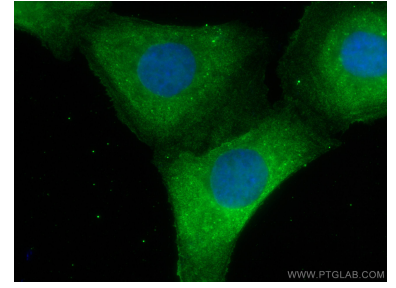
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 66557-1-Ig (HE4 antibody) at dilution of 1:5000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66557-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 66557-1-Ig (HE4 antibody) at dilution of 1:5000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66557-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using HE4 antibody (66557-1-Ig, Clone: 5B2D9) at dilution of 1:800 and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66557-1-PBS in a different storage buffer formulation.