

For Research Use Only

# HE4 Monoclonal antibody, PBS Only

Catalog Number: 66557-1-PBS



## Basic Information

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

## Applications

**Tested Applications:**  
Indirect ELISA, IHC, IF

**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:

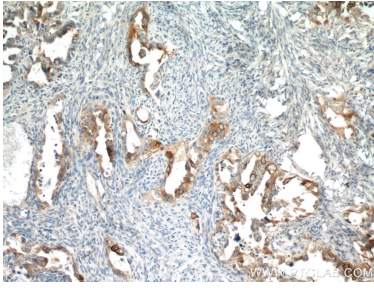
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

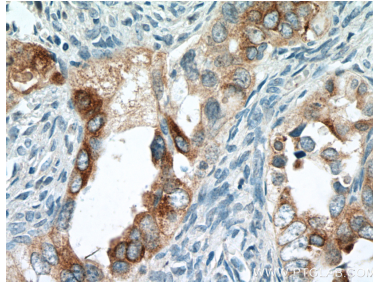
W: [ptgcn.com](http://ptgcn.com)

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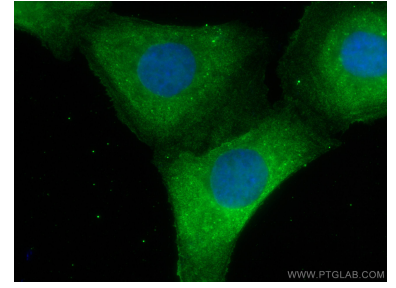
## Selected Validation Data



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 AffiniPure 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.