

CoraLite®594-conjugated HE4 Monoclonal antibody

Catalog Number: **CL594-66557**

Basic Information

Catalog Number: CL594-66557	GenBank Accession Number: BC046106	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 10406	CloneNo.: 5B2D9
Source: Mouse	UNIPROT ID: Q14508	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: WAP four-disulfide core domain 2	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5936	Calculated MW: 13 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : SKOV-3 cells,
Species Specificity: Human	

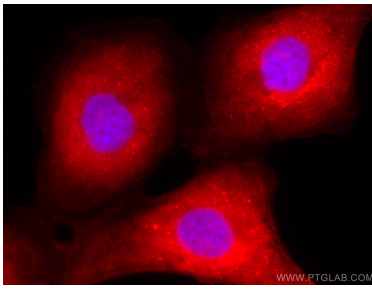
Background Information

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 -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed SKOV-3 cells using CoraLite® 594 HE4 antibody (CL594-66557, Clone: 5B2D9) at dilution of 1:200.