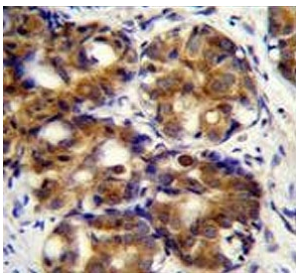
CD168 Antibody / HMMR (F54611)

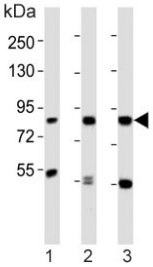
Catalog No.	Formulation	Size
F54611-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54611-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

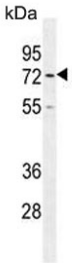
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O75330
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10e6 cells) Immunohistochemistry (FFPE) : 1:25
Limitations	This CD168 antibody is available for research use only.



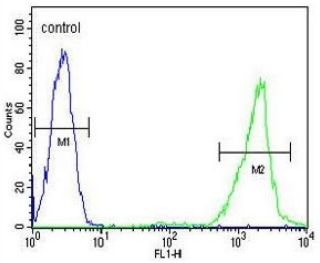
IHC testing of FFPE human breast carcinoma tissue with CD168 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) K562, 2) LNCaP and 3) HL60 cell lysate with CD168 antibody. Expected molecular weight ~72 kDa (cell surface form) and 85-95 kDa (intracellular form).



Western blot testing of human Ramos cell lysate with CD168 antibody. Expected molecular weight ~72 kDa (cell surface form) and 85-95 kDa (intracellular form).



Flow cytometry testing of human Ramos cells with CD168 antibody; Blue=isotype control, Green= CD168 antibody.

Description

The protein encoded by this gene is involved in cell motility. It is expressed in breast tissue and together with other proteins, it forms a complex with BRCA1 and BRCA2, thus is potentially associated with higher risk of breast cancer. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CD168 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 668-697 from the human protein was used as the immunogen for the CD168 antibody.

Storage

Aliquot the CD168 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.