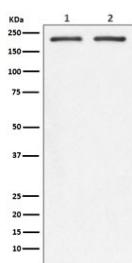


CD104 Antibody / Integrin beta 4 / ITGB4 [clone AAFE-9] (RQ5468)

Catalog No.	Formulation	Size
RQ5468	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AAFE-9
Purity	Affinity purified
UniProt	P16144
Applications	Western Blot : 1:500-1:2000
Limitations	This CD104 antibody is available for research use only.



Western blot testing of 1) human SW480 and 2) mouse spleen lysate with CD104 antibody. Predicted molecular weight ~200 kDa.

Description

Integrins are heterodimers comprised of alpha and beta subunits, that are noncovalently associated transmembrane glycoprotein receptors. Different combinations of alpha and beta polypeptides form complexes that vary in their ligand-binding specificities. Integrins mediate cell-matrix or cell-cell adhesion, and transduced signals that regulate gene expression and cell growth. The ITGB4 gene encodes the integrin beta 4 subunit, a receptor for the laminins. This subunit tends to associate with alpha 6 subunit and is likely to play a pivotal role in the biology of invasive carcinoma. [RefSeq]

Application Notes

Optimal dilution of the CD104 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Integrin beta 4 / ITGB4 was used as the immunogen for the CD104 antibody.

Storage

Store the CD104 antibody at -20oC.