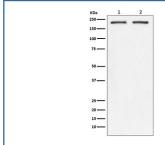


# CD104 Antibody / Integrin beta 4 / ITGB4 [clone AAFE-9] (RQ5468)

| 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  |
| 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.