

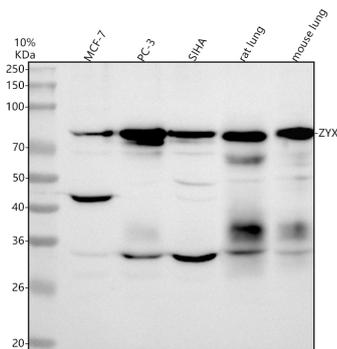
## Basic Information

|                           |   |            |
|---------------------------|---|------------|
| <b>Product Name</b>       | Anti-Zyxin/ZYX Antibody (Clone#AFOG-26)   |            |
| <b>Gene Name</b>          | ZYX   |            |
| <b>Source</b>             | Rabbit  |            |
| <b>Clonality</b>          | Monoclonal  |            |
| <b>Isotype</b>            | IgG   |            |
| <b>Species Reactivity</b> | human, mouse, rat   |            |
| <b>Tested Application</b> | WB, IHC, ICC/IF, IP, FCM  |            |
| <b>Contents</b>           | 500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol. |            |
| <b>Immunogen</b>          | A synthesized peptide derived from human Zyxin.   |            |
| <b>Concentration</b>      | 500 ug/ml   |            |
| <b>Purification</b>       | Affinity-chromatography   |            |
| <b>Observed MW</b>        | 78 kDa  |            |
| <b>Dilution Ratios</b>    | Western blot (WB):  | 1:500-2000 |
|                           | Immunohistochemistry (IHC):   | 1:50-200   |
|                           | Immunocytochemistry/Immunofluorescence (ICC/IF):  | 1:50-200   |
|                           | ImmunoPrecipitation (IP):   | 1:50       |
|                           | Flow Cytometry (FCM):   | 1:500      |

## Storage

12 months from date of receipt, -20°C as supplied.

## Selected Validation Data



Western blot analysis of anti-Zyxin/ZYX antibody (BM5649). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human MCF-7 whole cell lysates,

Lane 2: human PC-3 whole cell lysates,

Lane 3: human SiHa whole cell lysates,

Lane 4: rat lung tissue lysates,

Lane 5: mouse lung tissue lysates.

After electrophoresis, proteins were transferred to a membrane.

Then the membrane was incubated with rabbit anti-Zyxin/ZYX antigen affinity purified monoclonal antibody (BM5649) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for Zyxin/ZYX at approximately 78 kDa. The expected band size for Zyxin/ZYX is at 61 kDa.