

34-1061: Monoclonal Antibody to Lamp1 (Clone: 6E2)(Discontinued)

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| Clonality : | Monoclonal |
| Clone Name : | 6E2 |
| Application : | IHC,WB |
| Reactivity : | Pig,Rat,Mouse,Human,Bovine |
| Gene : | LAMP1 |
| Gene ID : | 3916 |
| Uniprot ID : | P11279 |
| Format : | Purified |
| Alternative Name : | CD107 antigen-like family member A |
| Isotype : | Mouse, IgG1 |
| Immunogen Information : | Full length human Lamp1 purified from E. coli |

Product Info

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| Amount : | 100 μ l |
| Content : | Antibody is supplied as an aliquot of 1.6 mg/ml of affinity purified antibody. |
| Storage condition : | Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles. |

Application Note

Western blot: 1:5,000. ICC/IF and IHC: 1:500.

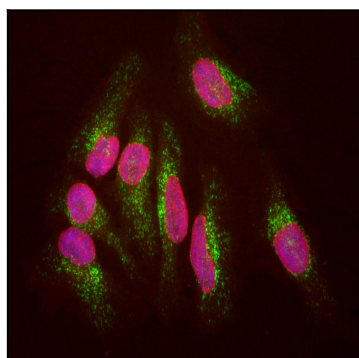


Figure 1: HeLa cells staining with 34-1061 (green), and counterstained with chicken polyclonal antibody to Lamin A/C, 34-1057 (red) and DNA (blue). The 34-1061 antibody reveals strong cytoplasmic staining of lysosomes and early endosomes, while the Lamin A/C antibody binds to the nuclear lamina. Since both DNA (blue) and Lamin A/C (red) are associated with the nuclear compartment, this region appears crimson in this image.

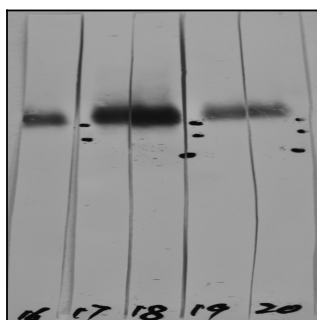


Figure 2: Western strip blots of HeLa cell crude extracts with two different preparations of 34-1061 in strips 17 and 18. Both preparations bind to a diffuse band running at between ~90 kDa and ~120 kDa as expected, and show no appreciable cross reactivity with any other protein.