

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

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

#### Product Info

<b>Amount :</b>	100 µl
<b>Content :</b>	Antibody is supplied as an aliquot of 1.6 mg/ml of affinity purified antibody.
<b>Storage condition :</b>	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.

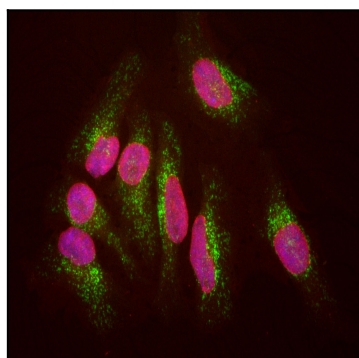


Figure 1: HeLa cells staining with 34-1061 (green), and counterstained with chicken polyclonal antibody to Lamin A/C, 34-1057 (red) and DNA (blue). The 34-1061 antibody reveals strong cytoplasmic staining of lysosomes and early endosomes, while the Lamin A/C antibody binds to the nuclear lamina. Since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

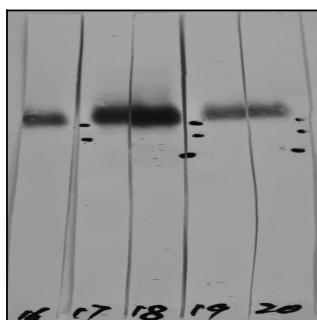


Figure 2: Western strip blots of HeLa cell crude extracts with two different preparations of 34-1061 in strips 17 and 18. Both preparations bind to a diffuse band running at between ~90 kDa and ~120 kDa as expected, and show no appreciable cross reactivity with any other protein.