

Product Datasheet

LAT [p Tyr191] Antibody (2E4) - BSA Free NBP3-15162

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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NBP3-15162

LAT [p Tyr191] Antibody (2E4) - BSA Free

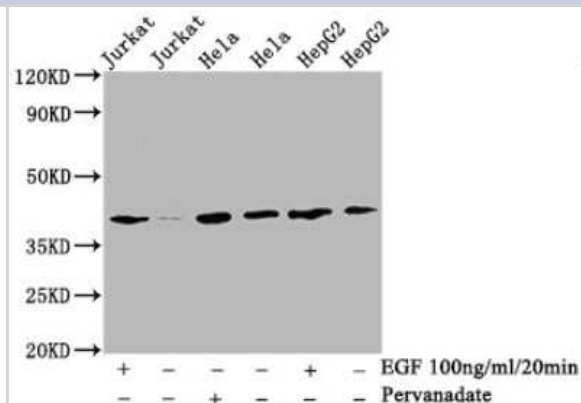
| Product Information | |
|---------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20 to -70C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 2E4 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG |
| Purity | Affinity purified |
| Buffer | PBS, pH 7.4, 150mM NaCl, and 50% glycerol |

| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit LAT [p Tyr191] Antibody (2E4) - BSA Free (NBP3-15162) is a recombinant monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 27040 |
| Gene Symbol | LAT |
| Species | Human |
| Immunogen | A synthesized peptide derived from human Phospho-LAT (Y191). UniProt ID (O43561). |

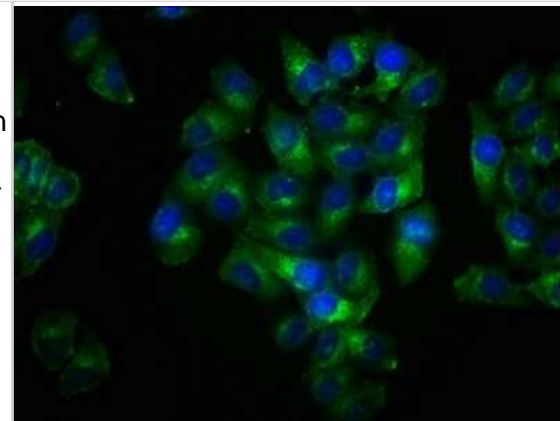
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation |

Images

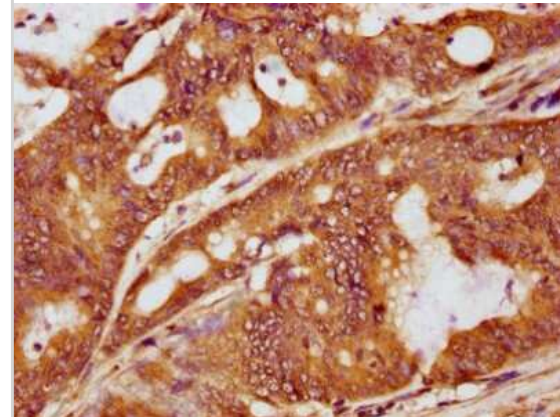
Western Blot: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Positive WB detected in: Jurkat whole cell lysate, HeLa whole cell lysate, HepG2 whole cell lysate (treated with EGF or Pervanadate). All lanes: LAT antibody at 2.9ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 38 KDa. Observed band size: 38 KDa.



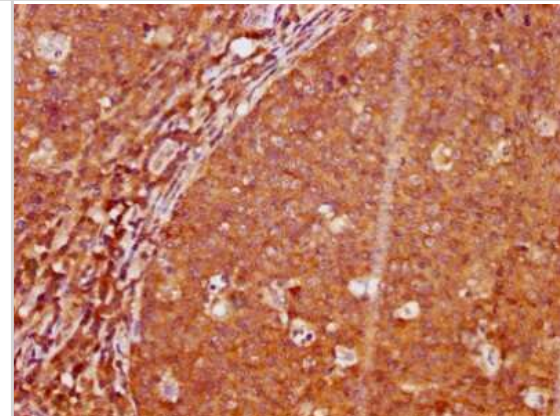
Immunocytochemistry/Immunofluorescence: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Immunofluorescence staining of Hela cells with at LAT antibody 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).



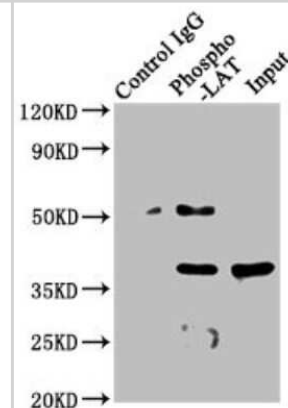
Immunohistochemistry: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - IHC image of LAT antibody diluted at 1:100 and staining in paraffin-embedded human colon cancer. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunohistochemistry: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - IHC image of LAT antibody diluted at 1:100 and staining in paraffin-embedded human tonsil tissue. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30 minutes at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunoprecipitation: LAT [p Tyr191] Antibody (2E4) [NBP3-15162] - Immunoprecipitating LAT in A549 whole cell lysate. Lane 1: Rabbit control IgG (1ug) instead of LAT antibody in A549 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000). Lane 2: LAT antibody (3ug) + A549 whole cell lysate (1mg). Lane 3: A549 whole cell lysate (20ug).





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| | |
|-------------|---|
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| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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