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#3677

Mouse Anti-rabbit IgG (Light-Chain Specific) (L57A3) mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

| Applications: | MW (kDa): | Source/Isotype: |
|--------------------------------|--|-----------------|
| W | 25 | Mouse |
| Storage | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody. | |
| Specificity/Sensitivity | Mouse Anti-rabbit IgG (Light-Chain Specific) (L57A3) mAb recognizes the light chain of rabbit IgG, either in native conformation or denatured and reduced form. It does not bind to the denatured and reduced rabbit IgG heavy chain (about 50 kDa) on western blot. | |
| Source / Purification | Monoclonal antibody is produced by immunizing animals with native total rabbit IgG. | |
| Description | Affinity purified mouse anti-rabbit IgG (Light-Chain Specific) antibody. This product has been optimized for use as a secondary antibody in Western blotting applications. | |
| Background | Mouse Anti-rabbit IgG (Light-Chain Specific) (L57A3) mAb only reacts with the light chain of rabbit IgG and does not bind to the denatured and reduced rabbit IgG heavy chain. When performing immunoprecipitation (IP) followed by western blotting, the denatured rabbit IgG heavy chain of the primary antibody used for IP runs at approximately 50 kDa on the subsequent western blot and can often obscure bands of proteins that have a similar molecular weight. Using Mouse Anti-Rabbit IgG (Light-Chain Specific) (L57A3) mAb as a secondary antibody will eliminate this problem. | |
| Species Reactivity | Species reactivity is determined by testing in at least one approved application (e.g., western blot). | |
| Applications Key | W: Western Blotting | |
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