



Specification Sheet: p65 Antibody

Product Name	p65 Antibody. Part No. p65Ab (100~I, 200~I)
Catalog #	Included with kits NFKB-2, hNFKB-4, p-65-TRANS (100μl); Purchased separately as Part No. P65Ab (200μl)
Specification	Rabbit polyclonal IgG, reactive with mouse, rat, hamster, canine, bovine, porcine, equine, and human p65.
Dilution for Western Blot	Western: 1:400 (recommended). Immunofluorescence: 1:500 (recommended)
Detection	Anti-Rabbit IgG HRP
Methods	<ol style="list-style-type: none"> 1. The provided antibody is to detect p65 on Western blots or by immunofluorescence. 2. For NF-kappa B import assays, perform the nuclear and cytoplasmic fractionation as described in the protocol manual for kit NFKB-1 and NFKB-2, and prepare samples in Laemmli sample buffer for SDS-PAGE resolution. 3. Transfer proteins from the gel to nitrocellulose membrane using standard Western blotting transfer procedures in a TRIS-Glycine buffer with 20% methanol. Develop the Western blot with the provided p65 antibody at a 1:400 dilution in T-PBS for one hour at room temperature, or overnight at 4°C. 4. Detect the p65-primary antibody complex with anti-rabbit IgG HRP according to the manufacturer's instructions. 1 hr of exposure to anti-IgG-HRP antibody is sufficient. 5. Use an ECL detection method to visualize and record the protein bands. FIVEphoton Biochemicals offers the ECL reagent PCD-250, which is suitable for Western blot detection.
Storage	Store antibody at 4°C