

**List of antibodies/kits and specifications**

<b>Sr. No.</b>	<b>Chemical</b>	<b>Specifications</b>	<b>Qty.</b>
1.	Double Strand Breaks (DSB) Repair Antibody Sampler Kit	The kit should contain Phospho-ATM (Ser1981) Rabbit mAb, ATM , Phospho-BRCA1 (Ser1524) Antibody Rabbit mAb , DNA-PKcs Antibody, Ku80 Rabbit mAb, Mre11 Rabbit mAb, Phospho-p95/NBS1 (Ser343) Antibody, Rad50 Antibody, XLF Antibody, Anti-rabbit IgG, HRP-linked Antibody. The Ab should be suitable for Western blotting, IF, IHC and flow cytometry applications.	1 kit
2.	DNA Damage Antibody Sampler Kit	The kit should contain Phospho-ATR (Ser428) Antibody, Phospho-BRCA1 (Ser1524) Antibody, Phospho-Chk2 (Thr68) Rabbit mAb, Phospho-Chk1 (Ser345) Rabbit mAb, Phospho-Histone H2A.X (Ser139) Rabbit mAb, Phospho-p53 (Ser15) Mouse mAb, Phospho-ATM (Ser1981) Rabbit mAb, Anti-rabbit IgG, HRP-linked Antibody, Anti-mouse IgG, HRP-linked Antibody. The Ab should be suitable for Western blotting, IF, IHC and flow cytometry applications.	1 kit
3.	Autophagy Antibody Sampler Kit	The kit should contain Beclin-1 Rabbit mAb, LC3A/B Rabbit mAb, Atg5 Rabbit mAb, Atg12 Rabbit mAb, Atg16L1 Rabbit mAb, Atg7 Rabbit mAb, Atg3 Antibody, Anti-rabbit IgG, HRP-linked Antibody. The Ab should be suitable for Western blotting, IF, IHC and flow cytometry applications.	1 kit
4.	HSP/Chaperone Antibody Sampler	The kit should contain HSP60 Rabbit mAb, HSP70 Antibody, HSF1 Antibody, BiP Rabbit mAb, HSP40 Rabbit mAb, HSP90 Rabbit mAb, Calnexin Rabbit mAb, PDI Rabbit mAb, Anti-rabbit IgG, HRP-linked Antibody. The Ab should be suitable for Western blotting, IF, IHC and flow cytometry applications.	1 kit
5.	Protein Rainbow Marker	Ready-to-load markers provide sharper, more intense bands on gels and blots and have improved band spacing for more accurate molecular weight determination. High intensity, prestained multicolored bands allow distinction of closely related proteins. Full range has been used as a molecular weight marker for immunoblotting and sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE).	250 ul x 1

**Note:**

- ❖ All antibodies should be supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA and 50% glycerol and stored at -20°C.
- ❖ All antibodies should be supplied at appropriate storage temperature (-20°C).
- ❖ All antibodies should have specificity for both human and mouse proteins.
- ❖ All the antibodies should be of high quality and able to detect even small levels of protein.