

## Recommended Fab Antibody Formats by Application

Application	Monovalent	Bivalent	Recommended Secondaries	Protocols & Comments
Western Blot		✓	Anti-human Fab Anti-Strep-tag <sup>®</sup> Anti-His-6 Anti-V5 Anti-BAP Anti-FLAG <sup>®</sup> Anti-c-myc	Refer to chapter 3 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
ELISA		✓	Anti-human Fab Anti-Strep-tag <sup>®</sup> Anti-His-6 Anti-V5 Anti-BAP Anti-FLAG <sup>®</sup> Anti-c-myc	Refer to chapter 4 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
Immuno-precipitation		✓	Anti-human Fab Anti-Strep-tag <sup>®</sup> Anti-His-6 Anti-V5 tag Anti-FLAG <sup>®</sup>	Refer to chapter 5 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
IHC		✓	Anti-human Fab (for non-human tissue) Anti-Strep-tag <sup>®</sup> Anti-His-6 Anti-BAP Anti-V5	Refer to chapter 6 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
FACS		✓	Anti-human Fab (for non-human tissue) Anti-Strep-tag <sup>®</sup> Anti-FLAG <sup>®</sup> Anti-His-6	Refer to chapter 7 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
Immuno-fluorescence		✓	Anti-human Fab (for non-human tissue) Anti-Strep-tag <sup>®</sup> Anti-His-6 Anti-BAP Anti-V5	Refer to chapter 8 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
Affinity Determination	✓			Refer to chapter 10 of the HuCAL <sup>®</sup> Antibodies Technical Manual (2 <sup>nd</sup> Edition, 2010)
Chromatography	✓			Use a Fab-ds or IgG format to avoid column leakage of the light or heavy chain
Co-crystallization	✓			Use Fab-H or Fab TC-MH: use Thrombin to cleave off tags