

Mouse anti-Akt (Phosphorylated), clone LP18 (monoclonal)

Clone no. LP18

MONXtra

Product name	Mouse anti-Akt (Phosphorylated), clone LP18 (monoclonal)
Host	Mouse
Applications	IHC-P
Species reactivity	human
Conjugate	-
Immunogen	A chemically synthesized phosphorylated peptide corresponding to residues around Ser473 of the human Akt molecule.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	LP18
Size	1 ml
Concentration	Greater than or equal to 300 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 15mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

Mouse anti-Akt (Phosphorylated), clone LP18 (monoclonal)

Clone no. LP18

MONXtra

Additional info

Akt-1, also referred to as protein kinase B (PKB) or Rac alpha is a member of the Akt serin/threonine protein kinase family. It plays an important role in many biological responses including metabolism, cell survival and growth by phosphorylation and inactivating several targets including GSK 3 beta, caspase 9, BAD and the forkhead transcription factor. Akt-Phos is not recommended for use with PBS, since the use of PBS-based wash buffers and possibly PBS-based antibody diluents gives increased background staining and decreased staining intensity.

References

1. Brazil D et al. Trends in Biochemical Sciences. 2004; 29(5):233–242
2. Nicholson K et al. Cellular Signalling. 2002; 14:381–395
3. Lawlor M et al. Journal of Cell Science. 2001; 114:2903–2910
4. -
5. -

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES