

Product datasheet for **TA355214**

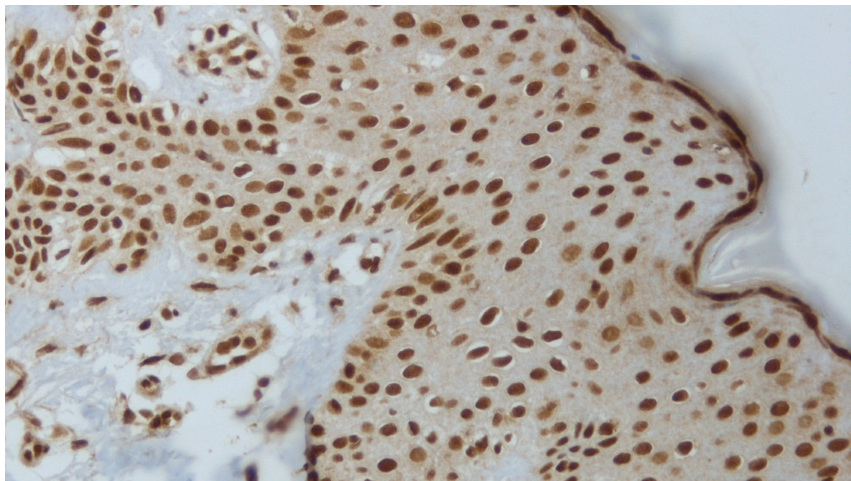
AKT1 Mouse Monoclonal Antibody [Clone ID: LP18]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LP18
Applications:	IHC
Recommended Dilution:	1:50
Reactivity:	Human
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	A chemically synthesized phosphorylated peptide corresponding to residues around Ser473 of the human Akt molecule
Specificity:	Human Akt phosphorylated at Ser473
Formulation:	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	AKT serine/threonine kinase 1
Database Link:	Entrez Gene 207 Human P31749
Background:	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.
Synonyms:	AKT; C-AKT; MGC99656; PKB; PKB-ALPHA; PRKBA; RAC; RAC-ALPHA; RAC-PK-alpha



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Product images:

Human skin: immunohistochemical staining for Phosphorylated Akt. Akt (Phosphorylated); clone LP18