

Rabbit Polyclonal anti-Phospho-IRS-1 [Tyr1179] antibody

Catalog No.:	V15A-01
Quantity:	0.1 mg
Background:	Insulin receptor substrates (IRS) are responsible for several insulin related activities, such as glucose homeostasis, cell growth, cell transformation, apoptosis and insulin signal transduction. Serine/threonine phosphorylation of IRS-1 has been demonstrated to be a negative regulator of insulin signaling and is responsible for its degradation, although IRS-1 degradation pathways are not well understood. IRS-1 has also been shown to be constitutively activated in cancers such as breast cancer, Wilm's tumors, and adrenal cortical carcinomas, thus making IRS-1 phosphorylation and subsequent degradation an attractive therapeutic target. To date there have been four subtypes identified: IRS-1, 2, 3 and 4, with IRS-1 being widely expressed.
Host / Isotype:	Mouse / IgG2b
Clone:	15-A
Immunogen:	Synthetic phosphopeptide corresponding to residues L(a.a. 1173) E N G L N (pY) I D L D L V K(a.a. 1186) of human IRS-1.
Format:	Purification: Immunogen affinity purified Buffer System: 0.05% Sodium Azide
Applications:	Western Blot, This antibody is useful for Western Blot., Western Blot Assay dependent Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	, Detects phosphorylated IRS-1 (Tyr1173) in mouse cells. Species: Mouse Others not tested.
Add. Information:	Research Areas: Cancer
Storage:	Store at -20C. Avoid freeze-thaw cycles.
General References:	

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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