

# Human insulin receptor monoclonal antibody IR 18-34

Hybridoma cell line producing IR 18-34 antibodies raised against the extracellular domain of the human insulin receptor which are mouse monoclonal antibodies of the IgG2a isotype. Has been shown to cross react very weakly with bovine, porcine and ovine but not rabbit, rat or mouse insulin receptors. It has been shown to cause up to 50% inhibition of insulin binding and has been used in immunohistochemistry, immunoprecipitation and blocking assays.

## References

1. N P J Brindle; J M Tavaré; M Dickens; J Whittaker; K Siddle(June 15 1990) , <https://portlandpress.com/biochemj/article-abstract/268/3/615/26300/Anti-insulin-receptor-monoclonal-antibody?redirectedFrom=fulltext>, <https://portlandpress.com/biochemj/article-abstract/268/3/615/26300/Anti-insulin-receptor-monoclonal-antibody?redirectedFrom=fulltext>, 268(3), 615-620
2. R M O'Brien, M A Soos, K Siddle(20 December 1987) , <https://pubmed.ncbi.nlm.nih.gov/2832148/>, <https://www.embopress.org/doi/abs/10.1002/j.1460-2075.1987.tb02743.x>, 6(13), 4003-4010
3. R Taylor, M A Soos, A Wells, M Argyraki, K Siddle(15 February 1987) , <https://pubmed.ncbi.nlm.nih.gov/2439067/>, <https://portlandpress.com/biochemj/article-abstract/242/1/123/22848/Insulin-like-and-insulin-inhibitory-effects-of?redirectedFrom=fulltext>, 242(1), 123-129
4. M A Soos, K Siddle, M D Baron, J M Heward, J P Luzio, J Bellatin, E S Lennox , <https://pubmed.ncbi.nlm.nih.gov/2427071/>, The Bio
5. M A Soos, K Siddle, M D Baron, J M Heward, J P Luzio, J Bellatin, E S Lennox(1 April 1986) , <https://pubmed.ncbi.nlm.nih.gov/2427071/>, The Biochemical Journal, 235(1), 199-208

## Category

Monoclonal Hybridomas  
Cell Lines

## Authors

Herman Waldmann

## Learn more

