

Product datasheet for **DM3576P**

IL20ra (Extracell. Dom.) Rat Monoclonal Antibody [Clone ID: 11C42]

Product data:

Product Type:	Primary Antibodies
Clone Name:	11C42
Applications:	WB
Recommended Dilution:	Western Blot: 1/500 - 1/1000.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2
Clonality:	Monoclonal
Immunogen:	Recombinant protein of IL-20Ralpha extracellular domain.
Specificity:	This antibody detects IL-20Ralpha.
Formulation:	State: Purified State: Lyophilized purified Ig
Reconstitution Method:	Restore with 200µl sterile PBS and the final concentration is 500µg/ml.
Purification:	Protein A/G affinity chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at -70°C. Following reconstitution store the antibody (in aliquots) at -20°C for 6 month. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	interleukin 20 receptor, alpha
Database Link:	Entrez Gene 237313 Mouse Q6PHB0



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Background:

The receptor for interleukin 20 is a heterodimer of 2 orphan class II cytokine receptor subunits, IL20RA, also called ZCYTOR7, and IL20RB, also called DIRS1. Binding assays demonstrated that IL20 bound to BHK transfectants expressing both IL20RA and IL20RB, but not to untransfected cells nor to transfectants expressing either receptor subunit alone. Binding of (125)I labeled IL20 was eliminated in the presence of 100 fold excess of unlabeled IL20 but not in the presence of 100 fold excess of the unrelated cytokine, IL21. The binding data revealed 88,000 IL20 receptors per cell, with a binding affinity of approximately 1.5 nM. Both receptor subunits were expressed in skin and were dramatically upregulated in psoriatic skin.

Synonyms:

IL-20R-alpha, IL-20R1, ZCYTOR7