

Datasheet for ABIN2658910 **anti-CD11c antibody (PE-Cy5)**



[Go to Product page](#)

Overview

Quantity:	25 tests
Target:	CD11c (ITGAX)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD11c antibody is conjugated to PE-Cy5
Application:	ELISA

Product Details

Clone:	3-9
Isotype:	IgG1 kappa
Cross-Reactivity:	Cynomolgus, Rhesus Monkey, Chlorocebus aethiops (Green monkey) (Cercopithecus aethiops), Baboon, Chimpanzee, Squirrel Monkey (Saimiri spec.), Green Monkey (Chlorocebus sabaeus)
Purification:	The antibody was purified by affinity chromatography, and conjugated with PE/Cy5 under optimal conditions. The solution is free of unconjugated PE/Cy5 and unconjugated antibody.

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	CD11c (ITGAX Products)
Background:	CD11c is a 145-150 kD type I transmembrane glycoprotein also known as integrin αX and CR4. CD11c non-covalently associates with integrin $\beta 2$ (CD18) and is expressed on

Target Details

monocytes/macrophages, dendritic cells, granulocytes, NK cells, and subsets of T and B cells.
CD11c has been reported to play a role in adhesion and CTL killing through its interactions with fibrinogen, CD54, and iC3b.

Pathways: [Complement System](#), [Activated T Cell Proliferation](#), [Integrin Complex](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide and 0.2 % (w/v) BSA .

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Protect from prolonged exposure to light. Do not freeze.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.