

## Purified Anti-Human CD158b/j Antibody[DX27]

catalog number: E-AB-F1381A

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

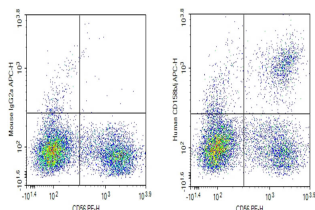
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD158b/j protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG2a, κ
<b>Clone</b>	DX27
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
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### Data



Verified Samples in FCM: Human peripheral blood lymphocytes

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

CD158 molecules, also known as KIRs (killer cell immunoglobulin-like receptors), are a family of transmembrane proteins with either two (KIR2D) or three (KIR3D) Ig-like extracellular domains. KIRs with long cytoplasmic domains contain ITIM motifs and possess inhibitory functions, while those with short cytoplasmic tails lack ITIMs and have activating functions. Fifteen polymorphic KIR genes have been reported in humans. CD158b1, CD158b2, and CD158j are 33-38 kD glycoproteins with two extracellular Ig-like domains and either a long cytoplasmic tail with ITIM motifs (KIR2DL2/KIR2DL3) or a short tail containing an ITAM-associated activating motif (KIR2DS2).

### For Research Use Only