

**APC anti-human Sialyl Lewis X (dimeric)**

**Catalog # / Size:** 2440545 / 25 tests  
2440550 / 100 tests

**Clone:** FH6

**Isotype:** Mouse IgM,  $\kappa$

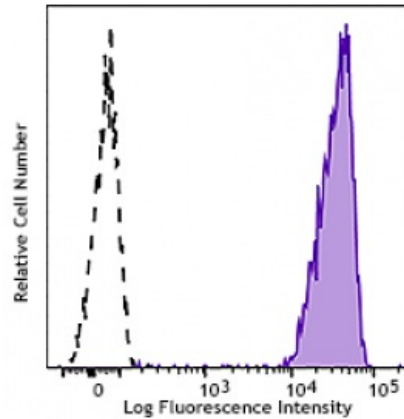
**Immunogen:** Purified 6B fucoganglioside absorbed to *Salmonella minnesota*.

**Reactivity:** Human

**Preparation:** The antibody was purified by affinity chromatography and conjugated with APC under optimal conditions. The solution is free of unconjugated APC and unconjugated antibody.

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

**Concentration:** Lot-specific

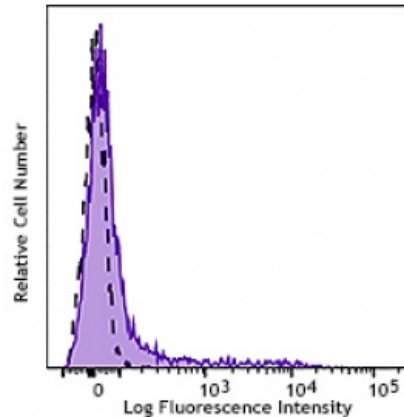


Human peripheral blood granulocytes were stained with sialyl Lewis X (dimeric) (clone FH6) APC (filled histogram) or mouse IgM,  $\kappa$  APC isotype control (open histogram).

**Applications:**

**Applications:** Flow Cytometry

**Recommended Usage:** Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5  $\mu$ l per million cells or 5  $\mu$ l per 100  $\mu$ l of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



Human peripheral blood Lymphocytes were stained with sialyl Lewis X (dimeric) (clone FH6) APC (filled histogram) or mouse IgM,  $\kappa$  APC isotype control (open histogram).

- Application References:**
1. Fukushi Y, *et al.* 1984. *J. Biol. Chem.* 259:10511.
  2. Kannagi R, *et al.* 1986. *Cancer Research* 5:2619.
  3. Nakasaki H, *et al.* 1989. *Cancer Research* 49:3662.
  4. Dohi T, *et al.*

**Description:** The FH6 antibody recognizes Sialyl Lewis X (dimeric) on glycolipids or glycoproteins. It also recognizes Sialyl Lewis X with long carbohydrate attachments (Sialyl Lewis X-i). These antigens are expressed on human granulocytes, monocytes, small subsets of lymphocytes, some fetal tissues such as the fetal stomach, fetal colon, and fetal intestine, and a variety of cancer tissues. It is believed that these antigens are involved in cell adhesion.

- Antigen**
- References:**
1. Fukushi Y, *et al.* 1984. *J. Biol. Chem.* 259:10511.
  2. Kannagi R, *et al.* 1986. *Cancer Research* 5:2619.
  3. Nakasaki H, *et al.* 1989. *Cancer Research* 49:3662.
  4. Dohi T, *et al.*