

NAME

signbit - determine whether a floating-point number's sign is negative

LIBRARY

Math Library (libm, -lm)

SYNOPSIS

```
#include <math.h>
```

int

```
signbit(real-floating x);
```

DESCRIPTION

The **signbit()** macro takes an argument of *x* and returns non-zero if the value of its sign is negative, otherwise 0.

SEE ALSO

fpclassify(3), math(3)

STANDARDS

The **signbit()** macro conforms to ISO/IEC 9899:1999 ("ISO C99").

HISTORY

The **signbit()** macro was added in FreeBSD 5.1.